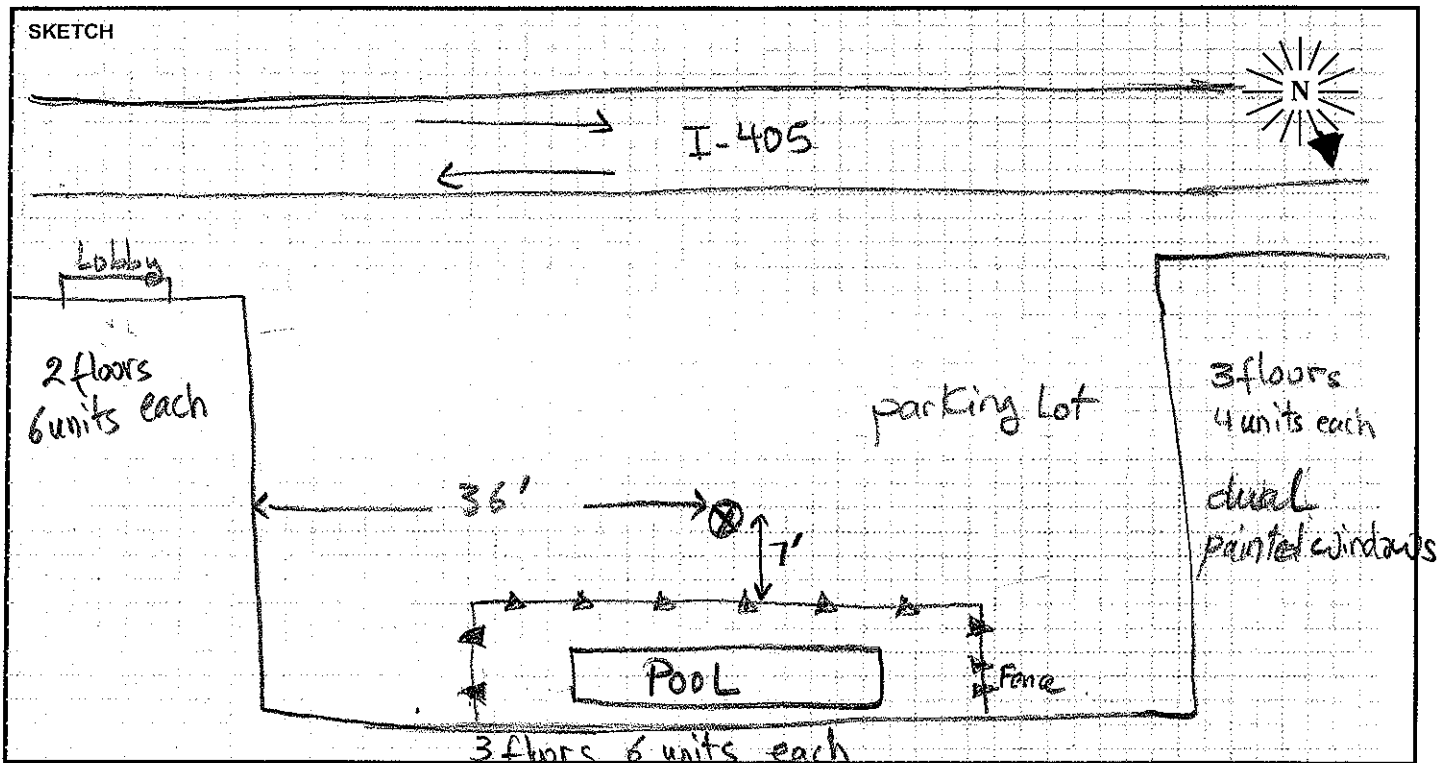


FIELD SURVEY FORM

PROJECT: <u>I-405 PALMD</u>		ENGINEER: <u>Ibrahim A</u>	DATE: <u>06/09/10</u>
MEASUREMENT ADDRESS: <u>1515 South Coast Drive</u>		CITY: <u>Costa Mesa</u>	SITE NO.: <u>ST10</u>
SOUND LEVEL METER: <input checked="" type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> LD-2900 <input type="checkbox"/> _____		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input checked="" type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input checked="" type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input type="checkbox"/> _____
SERIAL #: <u>0344</u>	SERIAL #: <u>1785</u>	SERIAL #: <u>3203</u>	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: <u>67</u> °F R.H.: <u>70</u> % WIND SPEED: <u>1</u> MPH TOWARD (DIR): _____ SKIES: <u>Cloudy</u> CAMERA _____ PHOTO NOS. <u>23-28</u>
CALIBRATOR: <input checked="" type="checkbox"/> LD CA250 Freq. Hz. <input type="checkbox"/> _____ <input checked="" type="checkbox"/> 250 S/N <u>2480</u> <input type="checkbox"/> 1000		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before <u>114</u> , <u>114</u> , <u>21</u> , <u>10:00</u> After <u>114</u> , <u>113.9</u> , <u>21</u> , <u>1546</u>	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS <u>90</u> - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES			

NOTES:											Dist. to Center of Nearest Lane _____		<input type="checkbox"/> Video <input type="checkbox"/> Radar Counts <u>AT</u> <u>MT</u> <u>HT</u>		MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:				
06/09	10:40	11:00	65.5	67.0	69.0	70.8	71.6	72.5	75.5	79.0	71.0	helicopter at 10:47				



PARSONS

FIELD SURVEY FORM

PROJECT: I-405 PA-ED				ENGINEER: <u>OGDEN</u>		DATE: <u>6/10/10</u>			
MEASUREMENT ADDRESS: <u>10242 Durango River Ct.</u>			CITY: <u>Fountain Valley</u>		<input type="checkbox"/> Single-Family <input type="checkbox"/> Recreational <input checked="" type="checkbox"/> Multi-Family <input type="checkbox"/> Commercial		SITE NO.: <u>ST 11</u>		
SOUND LEVEL METER:		MICROPHONE:		PRE AMP:		NOTES:			
<input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input checked="" type="checkbox"/> B&K-2250 <input type="checkbox"/> _____		<input type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input type="checkbox"/> RANDOM		<input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> _____				SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: <u>75</u> °F R.H.: _____ % WIND SPEED: <u>1-2</u> MPH TOWARD (DIR): <u>Calm</u> SKIES: <u>Clear</u> CAMERA: _____ PHOTO NOS.: _____	
SERIAL #: <u>2676029</u>		SERIAL #: <u>#4189 2663101</u>		SERIAL #: <u>10729</u>					
CALIBRATOR:		CALIBRATION RECORD:							
<input type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N <u>2507137</u>		Freq. Hz. <input type="checkbox"/> 250 <input checked="" type="checkbox"/> 1000 <input type="checkbox"/> _____		Input, dB / Reading, dB / Offset, dB / Time <u>6/14</u> Sens, 47.19, mV/Pa, 09:52 <u>6/15</u> Before , 47.29 , 10:05 <u>6/15</u> After , 47.29 , 10:05					
METER SETTINGS:									
<input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS <u>20</u> - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input checked="" type="checkbox"/> L _N PERCENTILE VALUES									

NOTES: <u>Garage 9'6"</u>		Dist. to Center of Nearest Lane _____		<input type="checkbox"/> Video <input type="checkbox"/> Radar		Counts AT MT HT		MEAS. TYPE:	
								<input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term	

DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:
6/10	13:40	14:00	53.0	54.3	56.1	58.1	<u>60.5</u>	62.5	66.1	71.5	59.1	

SKETCH

10242

FIELD SURVEY FORM

PROJECT: I-405 PA-ED		ENGINEER: <u>OGEN</u>	DATE: <u>6/10/10</u>
MEASUREMENT ADDRESS: <u>10328 La Despena Ave</u>		CITY: <u>Fountain Valley</u>	SITE NO.: <u>ST12</u>
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input checked="" type="checkbox"/> B&K-2250 <input type="checkbox"/> _____		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input checked="" type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> _____
SERIAL #: <u>2676029</u>	SERIAL #: <u>#4189 2663101</u>	SERIAL #: <u>10729</u>	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: <u>72</u> °F R.H.: <u>65</u> % WIND SPEED: <u>2.1</u> MPH TOWARD (DIR): _____ SKIES: <u>Clouds</u> CAMERA _____ PHOTO NOS. _____
CALIBRATOR: <input type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N <u>2507137</u>		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time <u>6/14</u> <u>Sens, 47.19, mV/pp, 09:52</u> <u>6/5</u> <u>, 47.29, , 10:05</u>	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS <u>20</u> - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input checked="" type="checkbox"/> L _n PERCENTILE VALUES			

NOTES: <u>mostly ambient</u> <u>L₅₀ best</u>		Dist. to Center of Nearest Lane _____	<input type="checkbox"/> Video <input type="checkbox"/> Radar	Counts AT MT HT	MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term							
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:
<u>6/10</u>	<u>11:04</u>	<u>11:20</u>	<u>52.7</u>	<u>53.2</u>	<u>54.3</u>	<u>56.0</u>	<u>61.1</u>	<u>68.3</u>	<u>72.6</u>	<u>58.9</u>		<u>talking</u>
	<u>11:20</u>	<u>11:40</u>	<u>51.7</u>	<u>53.0</u>	<u>54.2</u>	<u>55.7</u>	<u>57.9</u>	<u>62.8</u>	<u>68.1</u>	<u>56.5</u>		<u>redo</u>

SKETCH

FIELD SURVEY FORM

PROJECT: <u>I-405 PA-ED</u>		ENGINEER: <u>Jason O. Ibrahim A</u>		DATE: <u>06/10/10</u>
MEASUREMENT ADDRESS: <u>17828 Montezuma</u>		CITY: <u>Fountain Valley</u>	<input checked="" type="checkbox"/> Single-Family <input type="checkbox"/> Multi-Family	<input type="checkbox"/> Recreational <input type="checkbox"/> Commercial
SOUND LEVEL METER: <input checked="" type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> LD-2900 <input type="checkbox"/> _____		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input checked="" type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM		PRE AMP: <input checked="" type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input type="checkbox"/> _____
SERIAL #: <u>0128</u>	SERIAL #: <u>1785</u>	SERIAL #: <u>3203</u>		
CALIBRATOR: <input checked="" type="checkbox"/> LD CA250 <input type="checkbox"/> _____ S/N <u>2479</u>		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before <u>114, 113.9, 21, 12:41</u> After <u>114, 114, 21, 15:30</u>		
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS <u>20</u> - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES		NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: <u>72</u> °F R.H.: <u>65</u> % WIND SPEED: <u>2.1</u> MPH TOWARD (DIR): _____ SKIES: <u>Some clouds</u> CAMERA _____ PHOTO NOS. <u>1-7</u>		

NOTES: Dist. to Center of Nearest Lane _____ <input type="checkbox"/> Video <input type="checkbox"/> Radar Counts AT MT HT											MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:
06/10	12:40	1:00	55.7	56.0	57.2	59.3	60.2	61.0	65.2	80.6	60.0	1 car on road + horn

SKETCH

PARSONS

FIELD SURVEY FORM

PROJECT: I-405 PA-ED		ENGINEER: <u>OGDEN</u>	DATE: <u>6/10</u>
MEASUREMENT ADDRESS: <u>17701 San Rafael St.</u>		CITY: <u>Fountain Valley</u>	SITE NO.: <u>ST13</u>
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input checked="" type="checkbox"/> B&K-2250 <input type="checkbox"/> _____		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> _____
SERIAL #: <u>2676029</u>		SERIAL #: <u>#4189 2663101</u>	SERIAL #: <u>10729</u>
CALIBRATOR: <input type="checkbox"/> LD CA250 Freq. Hz. <input checked="" type="checkbox"/> B&K 4231 <input type="checkbox"/> 250 SIN <u>2807137</u> <input checked="" type="checkbox"/> 1000 <input type="checkbox"/> _____		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time <u>6/14</u> <u>Sens, 47.19, mV/Pa, 09:52</u> <u>6/15</u> <u>47.29, , 10:05</u>	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS <u>20</u> - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input checked="" type="checkbox"/> L _N PERCENTILE VALUES		NOTES: SYSTEM PWR: <input type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: <u>72</u> °F R.H.: <u>65</u> % WIND SPEED: <u>2.1</u> MPH TOWARD (DIR): _____ SKIES: <u>clouds</u> CAMERA _____ PHOTO NOS. _____	

NOTES: Dist. to Center of Nearest Lane _____ <input type="checkbox"/> Video <input type="checkbox"/> Radar Counts <u>AT</u> <u>MT</u> <u>HT</u>											MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:
<u>6/10</u>	<u>12:00</u>	<u>12:20</u>	<u>53.9</u>	<u>54.6</u>	<u>55.8</u>	<u>57.3</u>	<u>58.9</u>	<u>60.4</u>	<u>63.2</u>	<u>57.5</u>		<u>W/CALB & LT7</u>

SKETCH

off ramp

6'6"

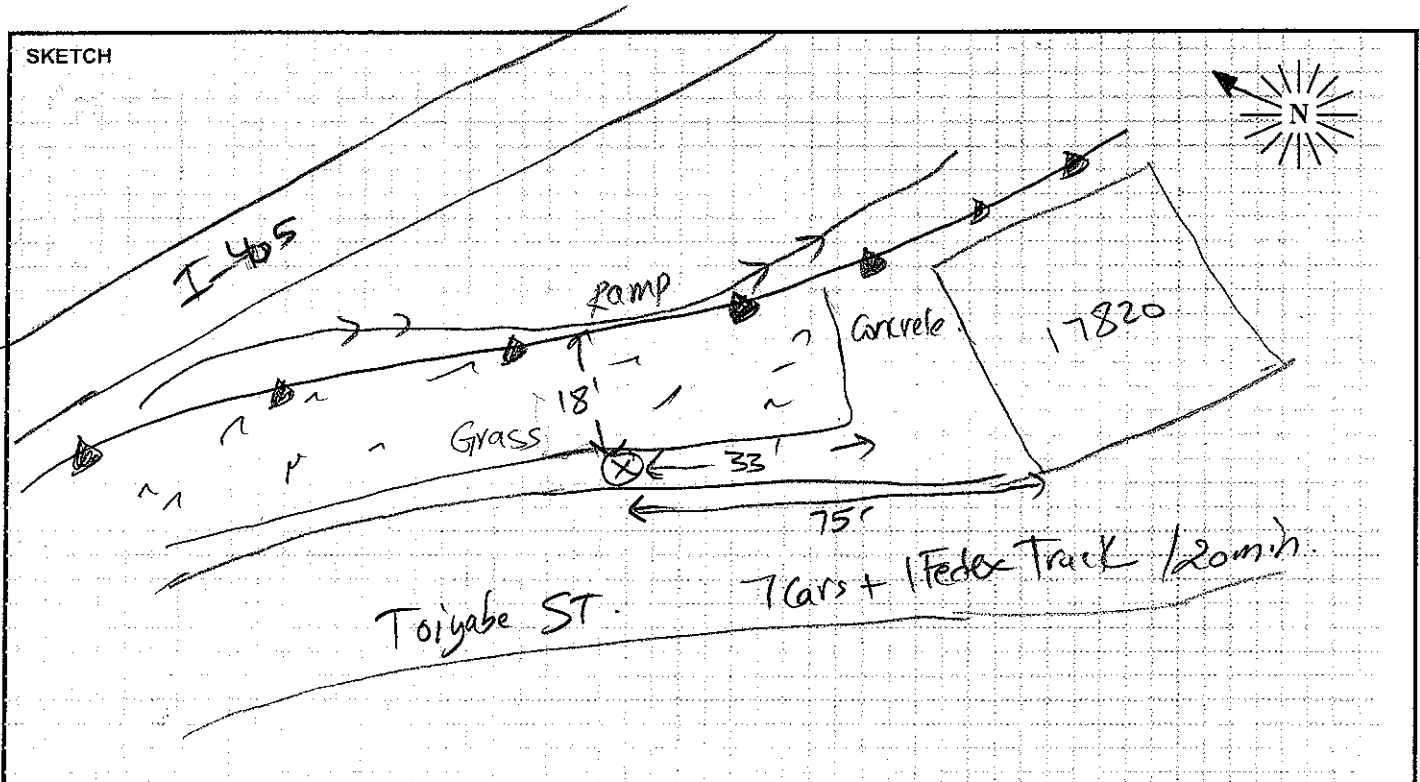
FIELD SURVEY FORM

PROJECT: <u>I-405 PA-ED</u>		ENGINEER: <u>Ibrahim, A</u>	DATE: <u>06/10/10</u>
MEASUREMENT ADDRESS: <u>17820 Toiyabe ST (Front yard)</u>		CITY: <u>Fountain Valley</u>	SITE NO.: <u>ST 14</u>
SOUND LEVEL METER: <input checked="" type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> LD-2900 <input type="checkbox"/> _____	MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> NON-POLAR <input type="checkbox"/> FREEFIELD <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input checked="" type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input type="checkbox"/> _____	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: <u>73</u> °F R.H.: <u>63</u> % WIND SPEED: <u>3.5</u> MPH TOWARD (DIR): _____ SKIES: <u>some clouds</u> CAMERA _____ PHOTO NOS. <u>8-13</u>
SERIAL #: <u>0128</u>	SERIAL #: <u>1785</u>	SERIAL #: <u>3203</u>	
CALIBRATOR: <input checked="" type="checkbox"/> LD CA250 Freq. Hz. <input checked="" type="checkbox"/> 250 <input type="checkbox"/> 1000 S/N <u>2479</u>		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before <u>114, 114, 21, 15:30</u> After <u>114, 114, 21, 16:15</u>	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS <u>20</u> - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES			

NOTES:		Dist. to Center of Nearest Lane _____	<input type="checkbox"/> Video <input type="checkbox"/> Radar	Counts <input checked="" type="checkbox"/> AT <input type="checkbox"/> MT <input type="checkbox"/> HT	MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term
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DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:
06/10	15:40	16:00	48.0	48.4	50.1	52	53.2	54.8	62.5	69.2	53.6	Fedex Truck at 15:56

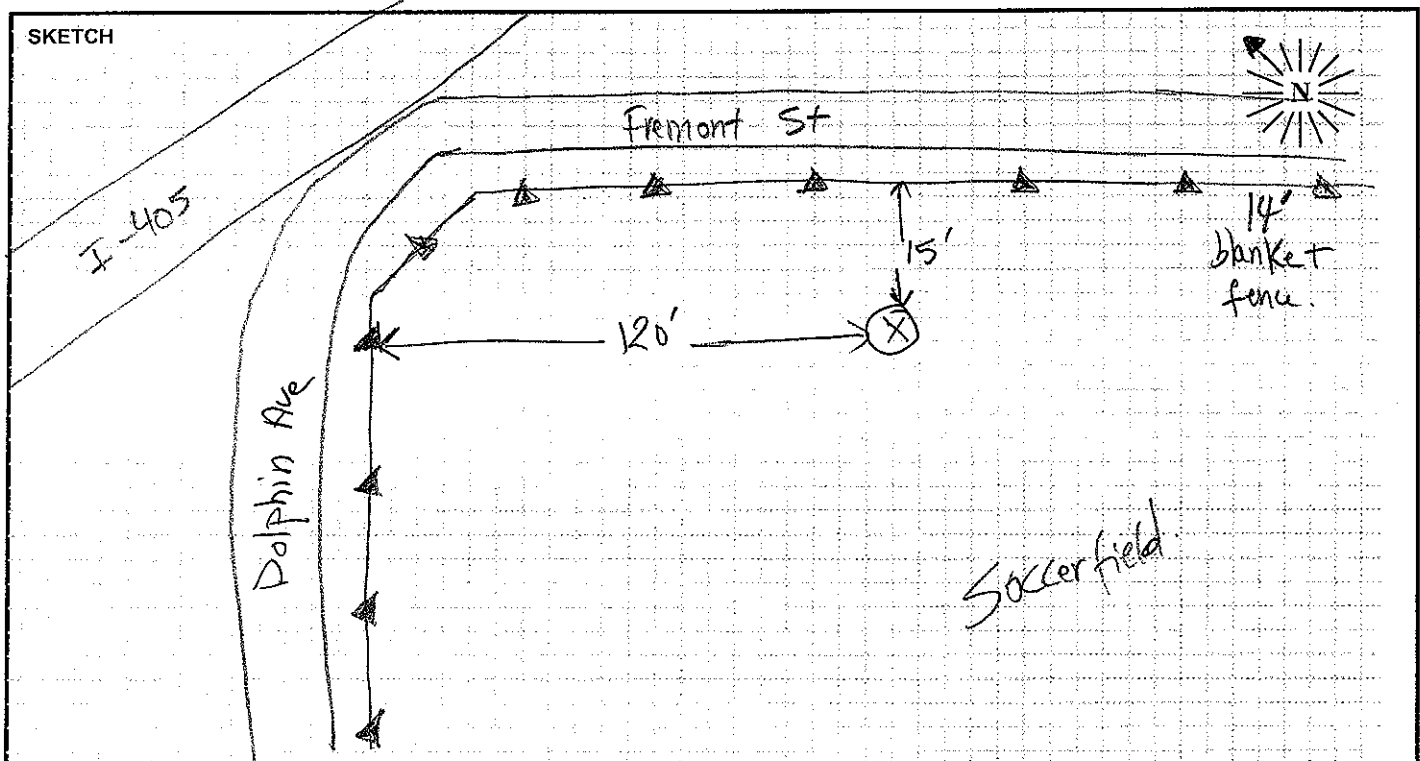
SKETCH



FIELD SURVEY FORM

PROJECT: <u>I-405 PA-ED</u>		ENGINEER: <u>Ibrahim A.</u>	DATE: <u>06/10</u>
MEASUREMENT ADDRESS: <u>Fountain Valley High School</u>		CITY: <u>Fountain Valley</u>	SITE NO.: <u>ST15</u>
SOUND LEVEL METER: <input checked="" type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> LD-2900 <input type="checkbox"/> _____		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input checked="" type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input checked="" type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input type="checkbox"/> _____
SERIAL #: <u>0128</u>	SERIAL #: <u>1785</u>	SERIAL #: <u>3203</u>	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: <u>73</u> °F R.H.: <u>66</u> % WIND SPEED: <u>1.5</u> MPH TOWARD (DIR): _____ SKIES: <u>Sunny</u> CAMERA _____ PHOTO NOS. <u>14-17</u>
CALIBRATOR: <input checked="" type="checkbox"/> LD CA250 <input type="checkbox"/> _____ S/N <u>2479</u>		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before <u>114, 114, 21.0, 16.15</u> After <u>114, 114.1, 21.0, 16.45</u>	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS <u>20</u> - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES			

NOTES:											Dist. to Center of Nearest Lane _____		<input type="checkbox"/> Video <input type="checkbox"/> Radar		Counts <input checked="" type="checkbox"/> AT <input type="checkbox"/> MT <input type="checkbox"/> HT		MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:						
06/10	16:20	16:40	56.2	57.0	57.6	59.0	59.8	60.5	61.8	63.8	59.2							

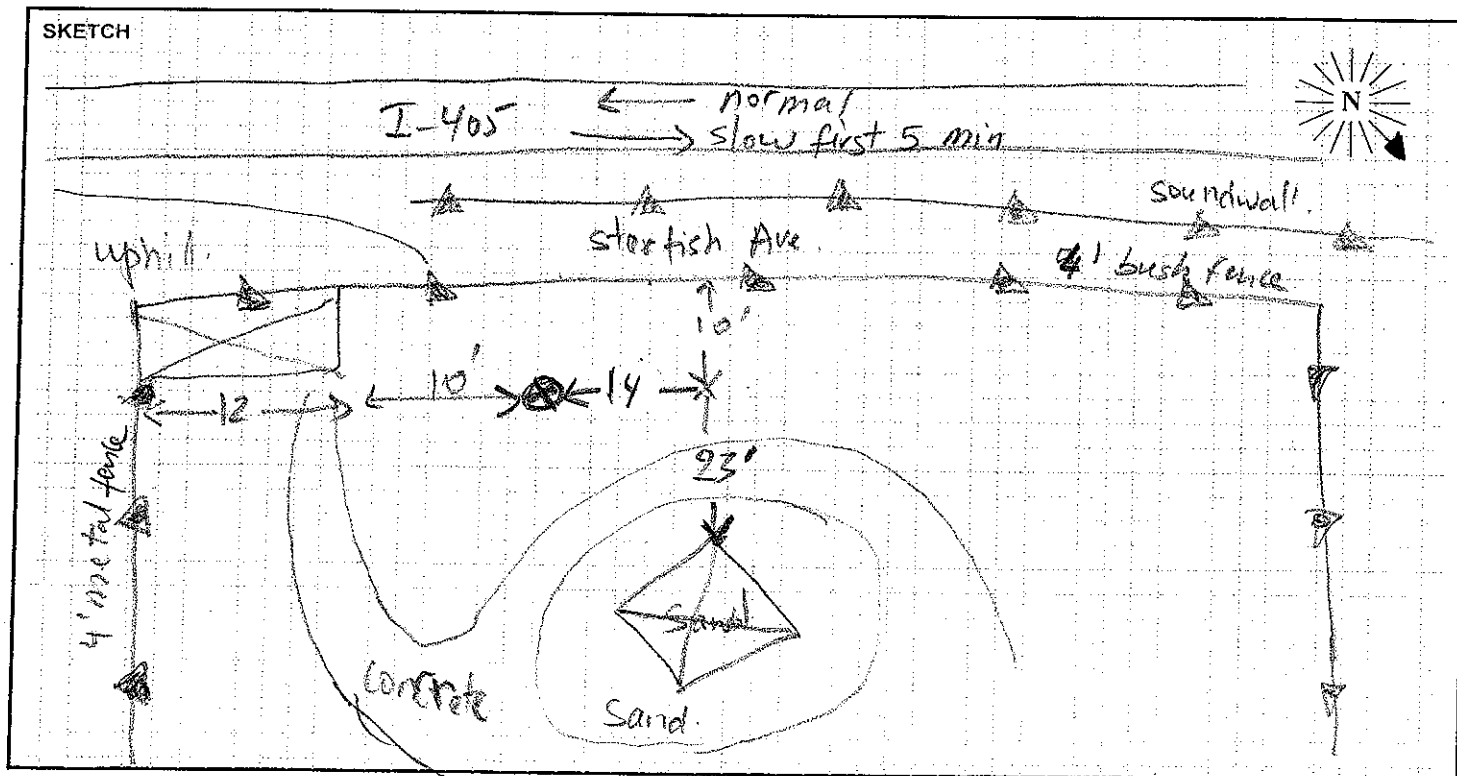


PARSONS

FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Thabim A.	DATE: 06/15/10
MEASUREMENT ADDRESS: Huntington Valley Pre school		CITY: Fountain Valley	SITE NO.: ST16
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input checked="" type="checkbox"/> B&K-2250 <input type="checkbox"/>		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input checked="" type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/>
SERIAL #: 2676029	SERIAL #: #4189 2663101	SERIAL #: 10729	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 68 °F R.H.: 71 % WIND SPEED: 2.1 MPH TOWARD (DIR): calm SKIES: Sunny CAMERA _____ PHOTO NOS. 66-77
CALIBRATOR: <input type="checkbox"/> LD CA250 <input type="checkbox"/> Freq, Hz <input checked="" type="checkbox"/> B&K 4231 <input type="checkbox"/> 250 <input checked="" type="checkbox"/> 1000 S/N 2507137		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time 6/15 SENS, 47.29 , ml/Pa , 10:05 6/16 , 47.37 , , 10:02	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES			

NOTES:												Dist. to Center of Nearest Lane _____		<input type="checkbox"/> Video <input type="checkbox"/> Radar		Counts AT MT HT			MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:								
06/15	17:40	18:00	59.0	60.0	61.9	63.7	65.8	65.8	71.4	78.0	81.6	Sirens at 17:49. 78-79 dBA								

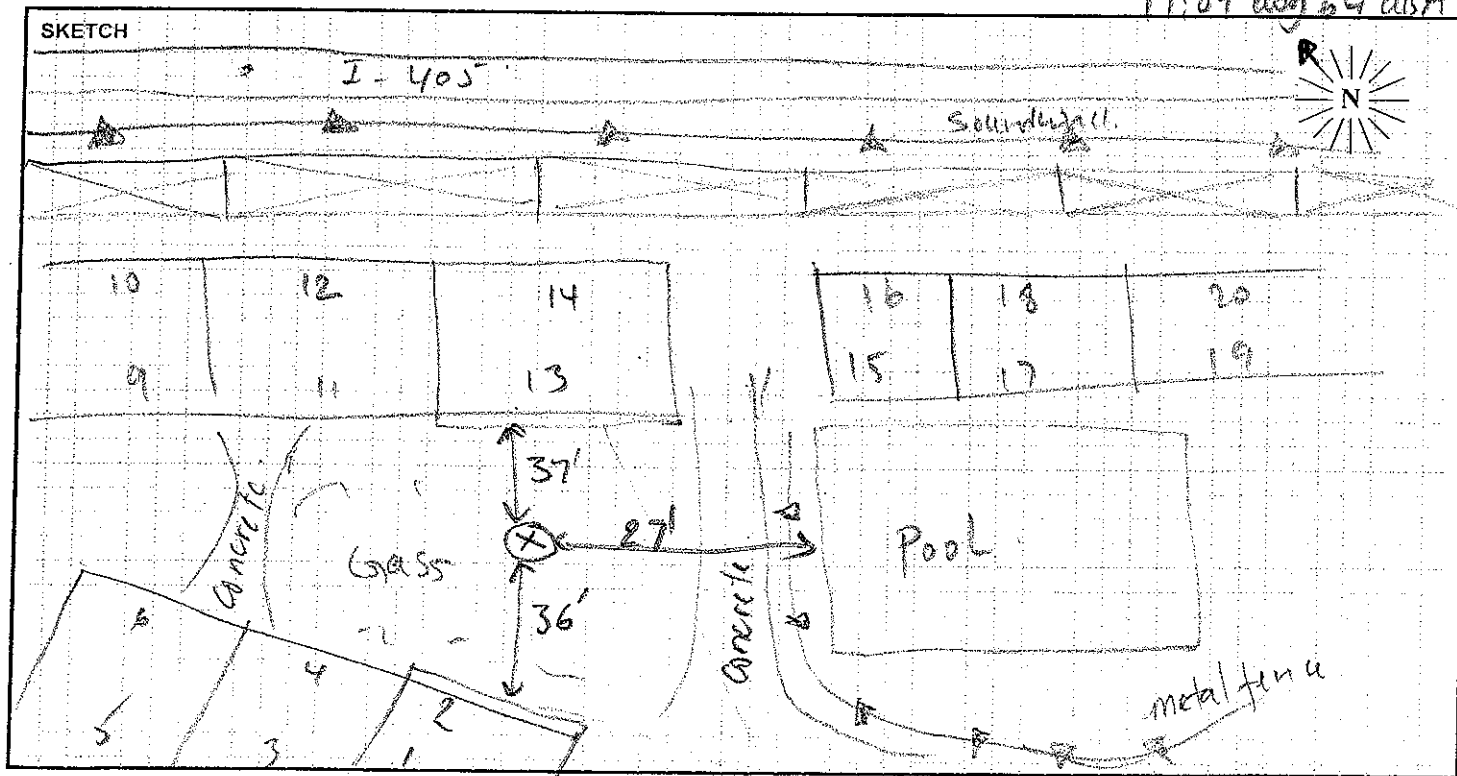


PARSONS

FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Ibrahim A.	DATE: 06/16/10
MEASUREMENT ADDRESS: Corte Bella Apt (9580 E Reg)		CITY: Fountain Valley	SITE NO.: ST17
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input checked="" type="checkbox"/> B&K-2250 <input type="checkbox"/> _____		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input checked="" type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> _____
SERIAL #: 2676029	SERIAL #: #4189 266101	SERIAL #: 10729	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 72 °F R.H.: 58 % WIND SPEED: 1 MPH TOWARD (DIR): Calm SKIES: clear CAMERA: _____ PHOTO NOS. 163-110
CALIBRATOR: <input type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N 2507137		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before Sens, 47.37, mV/Pa, 10:02 After , 47.28, , 16:44	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES			

NOTES:												Dist. to Center of Nearest Lane _____			<input type="checkbox"/> Video <input type="checkbox"/> Radar		Counts AT MT HT			MEAS. TYPE: <input type="checkbox"/> Long Term <input type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:									
06/16	17:00	17:20	52.9	53.2	53.9	55.1	56.1	57.0	67.1	73.7	56.7	dog barks at 17:00 siren at 17:01, 61 dBA 17:02 dog 68 dBA									



PARSONS

balconies

FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Ibrahim A.		DATE: 06/16/10
MEASUREMENT ADDRESS: Corte Bella Apt 9580 (1 Reg)		CITY: Fountain Valley		SITE NO.: S-17A
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input checked="" type="checkbox"/> B&K-2250 <input type="checkbox"/>		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input checked="" type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input type="checkbox"/> RANDOM		PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/>
SERIAL #: 2676029		SERIAL #: #4189 2663107		NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement)
CALIBRATOR: <input type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N 2507137		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before Sens, 47.37, mV/Pa, 101.02 After 47.28, 1644		TEMP: 72 °F R.H.: 58 % WIND SPEED: 1 MPH TOWARD (DIR): Calm SKIES: clear
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES		CAMERA _____ PHOTO NOS. 96-102		

[illegible]

SKETCH

I-405

Soundwall.

Garages.

Garage.

10, 12, 14, 9, 11, 13

19', 19'

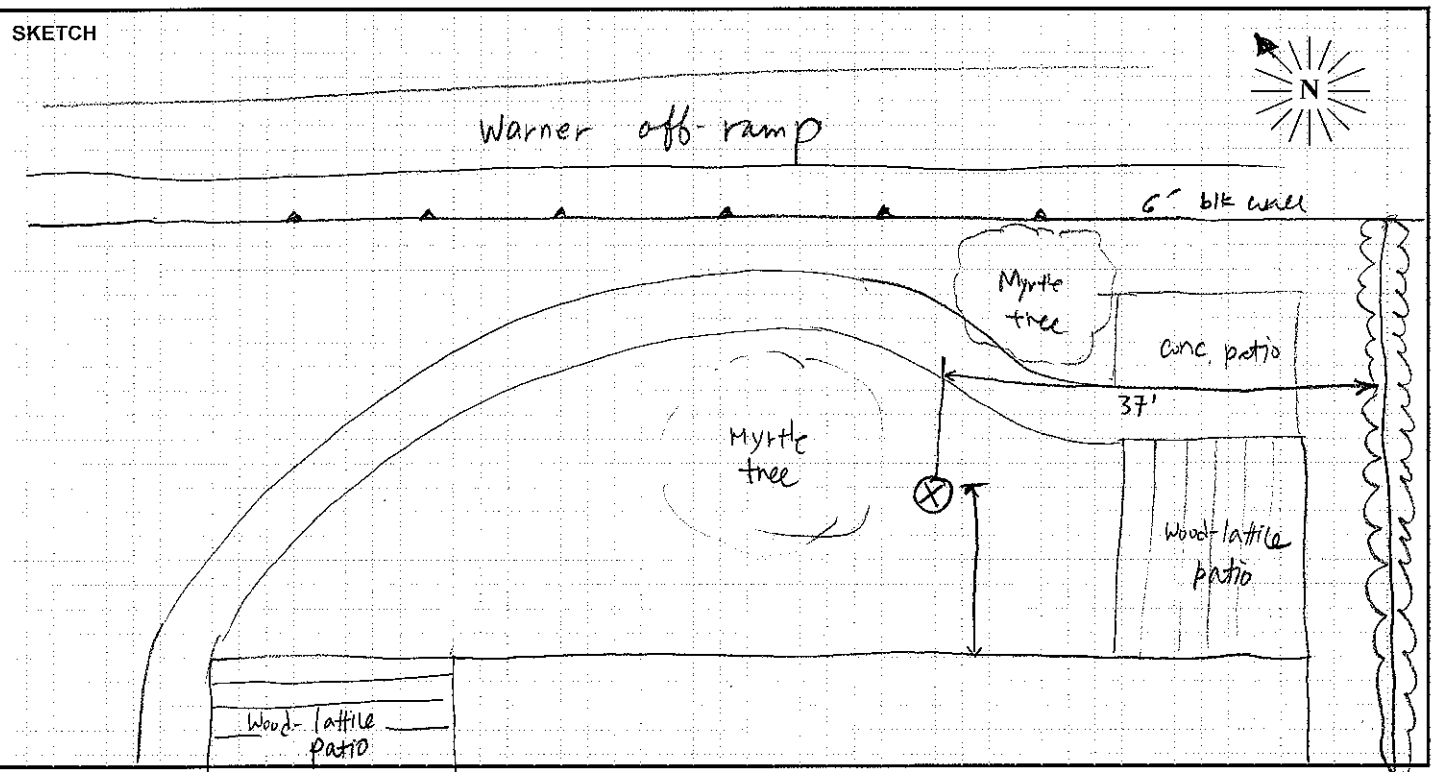
N

PARSONS

FIELD SURVEY FORM

PROJECT: I-405 PA-ED		ENGINEER: <u>O G DEN</u>	DATE: <u>6/15/10</u>
MEASUREMENT ADDRESS: <u>9197 El Cortez</u>		CITY: <u>Fountain Valley</u>	SITE NO.: <u>ST18</u>
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input checked="" type="checkbox"/> B&K-2250 <input type="checkbox"/> _____	MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input checked="" type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> _____	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: <u>66</u> °F R.H.: <u>71</u> % WIND SPEED: <u>h1</u> MPH TOWARD (DIR): <u>calm</u> SKIES: <u>clear</u> CAMERA _____ PHOTO NOS. _____
SERIAL #: <u>2676029</u>	SERIAL #: <u>4189</u> <u>2663101</u>	SERIAL #: <u>10729</u>	
CALIBRATOR: <input type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N <u>2507137</u>	CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time <u>6/15</u> <u>Sens</u> , <u>47.29</u> , <u>mv/Pa</u> <u>10:05</u> <u>6/16</u> <u>47.37</u> , <u>10:02</u>		
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS <u>20</u> - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input checked="" type="checkbox"/> L _N PERCENTILE VALUES			

NOTES: Dist. to Center of Nearest Lane _____ <input type="checkbox"/> Video <input type="checkbox"/> Radar Counts AT MT HT												MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:
6/15	18:20	18:40	47.0	47.3	48.7	51.5	54.2	56.4	59.8	63.7	53.3	dog 2 houses away



PARSONS

FIELD SURVEY FORM

PROJECT: I-405 - PA-ED		ENGINEER: Ibrahim A.		DATE: 06/14/10
MEASUREMENT ADDRESS: Grande Apts (9350 Emery Ct.)		CITY:	<input type="checkbox"/> Single-Family <input checked="" type="checkbox"/> Multi-Family	SITE NO.: ST19
SOUND LEVEL METER: <input checked="" type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input type="checkbox"/>		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input checked="" type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input checked="" type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input type="checkbox"/>	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement)
SERIAL #: 0128	SERIAL #: 1785	SERIAL #: 3203	TEMP: 73 °F R.H.: 52 % WIND SPEED: 1 MPH TOWARD (DIR): SKIES: Sunny	
CALIBRATOR: <input checked="" type="checkbox"/> LD CA250 Freq. Hz. <input type="checkbox"/> B&K 4231 <input checked="" type="checkbox"/> 250 S/N 2480 <input type="checkbox"/> 1000 <input type="checkbox"/>		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before 114, 114.1, 21.0, 9:48 After 114, 114.3, 21.0, 10:30		
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES		CAMERA PHOTO NOS. 1-8		

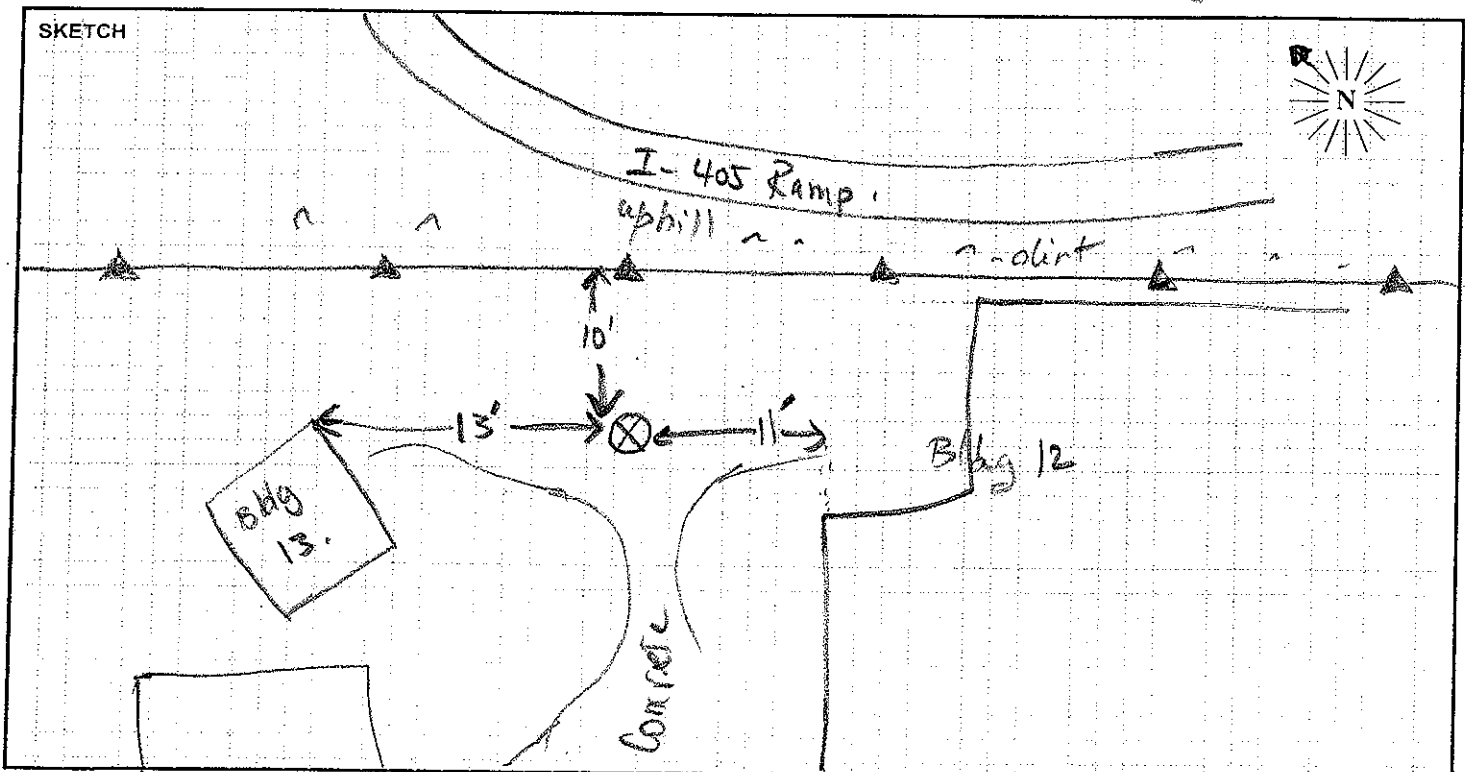
[illegible]

PARSONS

FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Ibrahim A.	DATE: 06/16/10	
MEASUREMENT ADDRESS: Archstone Apts (8945 Riverbend Dr.)		CITY: Huntington Beach	SITE NO.: ST 20	
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input checked="" type="checkbox"/> B&K-2250 <input type="checkbox"/> _____		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input checked="" type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> _____	
SERIAL #: 2676029	SERIAL #: #4189 2663101	SERIAL #: 10729	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 80 °F R.H.: 54 % WIND SPEED: 1.1 MPH TOWARD (DIR): calm SKIES: clear CAMERA _____ PHOTO NOS. 87-95	
CALIBRATOR: <input type="checkbox"/> LD CA250 Freq. Hz. <input checked="" type="checkbox"/> B&K 4231 <input type="checkbox"/> 250 S/N 2507137 <input type="checkbox"/> 1000 <input type="checkbox"/> _____		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before Sens, 47.37, mV/Pa, 10:02 After 47.28, 16.44		
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _n PERCENTILE VALUES				

NOTES:												Dist. to Center of Nearest Lane _____			<input type="checkbox"/> Video <input type="checkbox"/> Radar	Counts AT MT HT			MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:								
06/16	16:00	16:20	47.9	48.5	49.5	50.6	51.2	52.9	56.0	64.3	51.4	very quiet, water fountain in the background, dog barks at 16:08-								

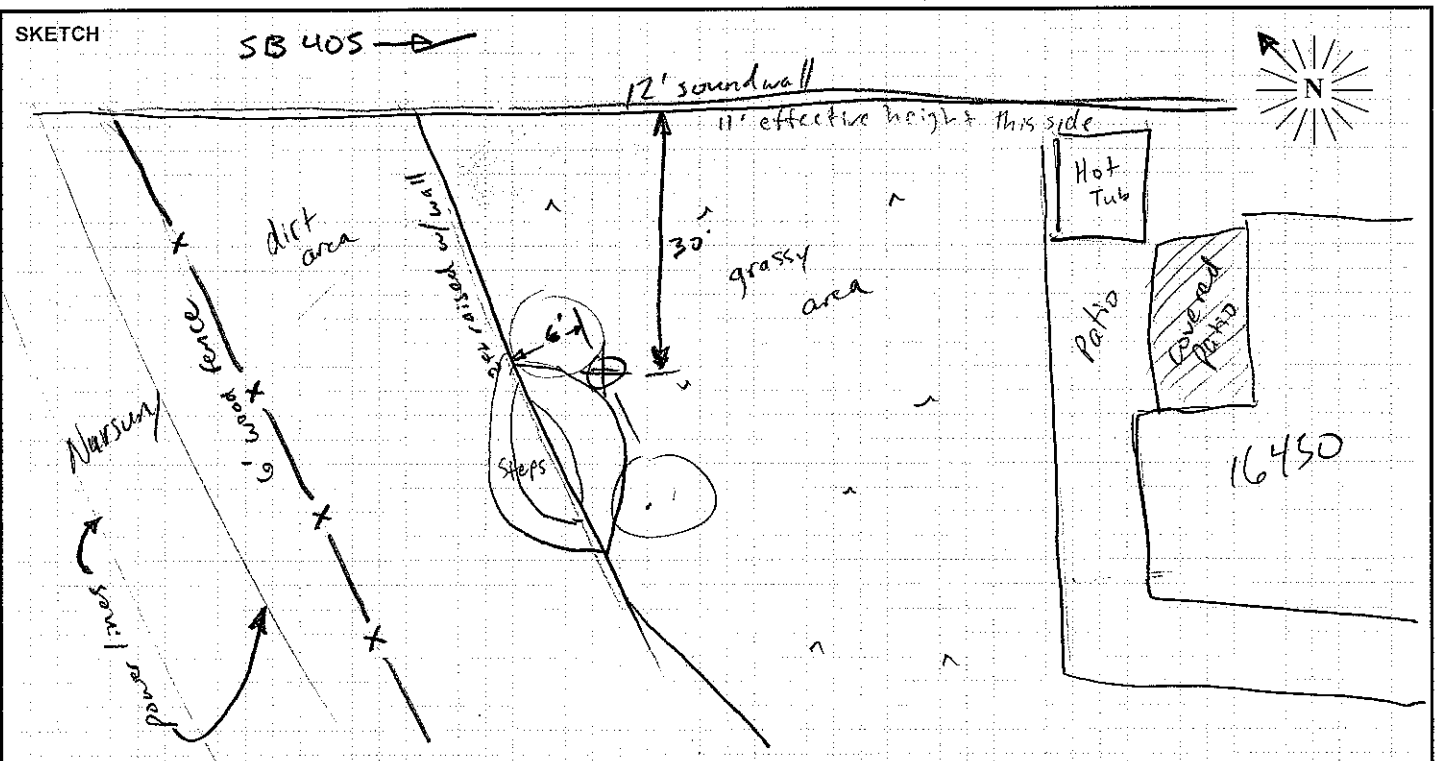


PARSONS

FIELD SURVEY FORM

PROJECT: I-405 PA-ED		ENGINEER: <u>OGDEN</u>	DATE: <u>6/16/10</u>
MEASUREMENT ADDRESS: <u>16450 Ross Circle</u>		CITY:	SITE NO.: <u>ST21</u>
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input checked="" type="checkbox"/> B&K-2250 <input type="checkbox"/>	MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input checked="" type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/>	NOTES: SYSTEM PWR: <input type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement)
SERIAL #: <u>2676029</u>	SERIAL #: <u>4189 2663101</u>	SERIAL #: <u>10729</u>	TEMP: <u>75</u> °F R.H.: <u>55</u> %
CALIBRATOR: <input type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N <u>2507137</u>	Freq, Hz. <input type="checkbox"/> 250 <input checked="" type="checkbox"/> 1000	CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before <u>ENV, 47.37, mV/Pa, 10:02</u> After <u>47.28, 1644</u>	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS <u>20</u> - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input checked="" type="checkbox"/> LN PERCENTILE VALUES			WIND SPEED: <u>2-3</u> MPH TOWARD (DIR): <u>NE</u> SKIES: <u>Clear</u> CAMERA <u>iPhone</u> PHOTO NOS. _____

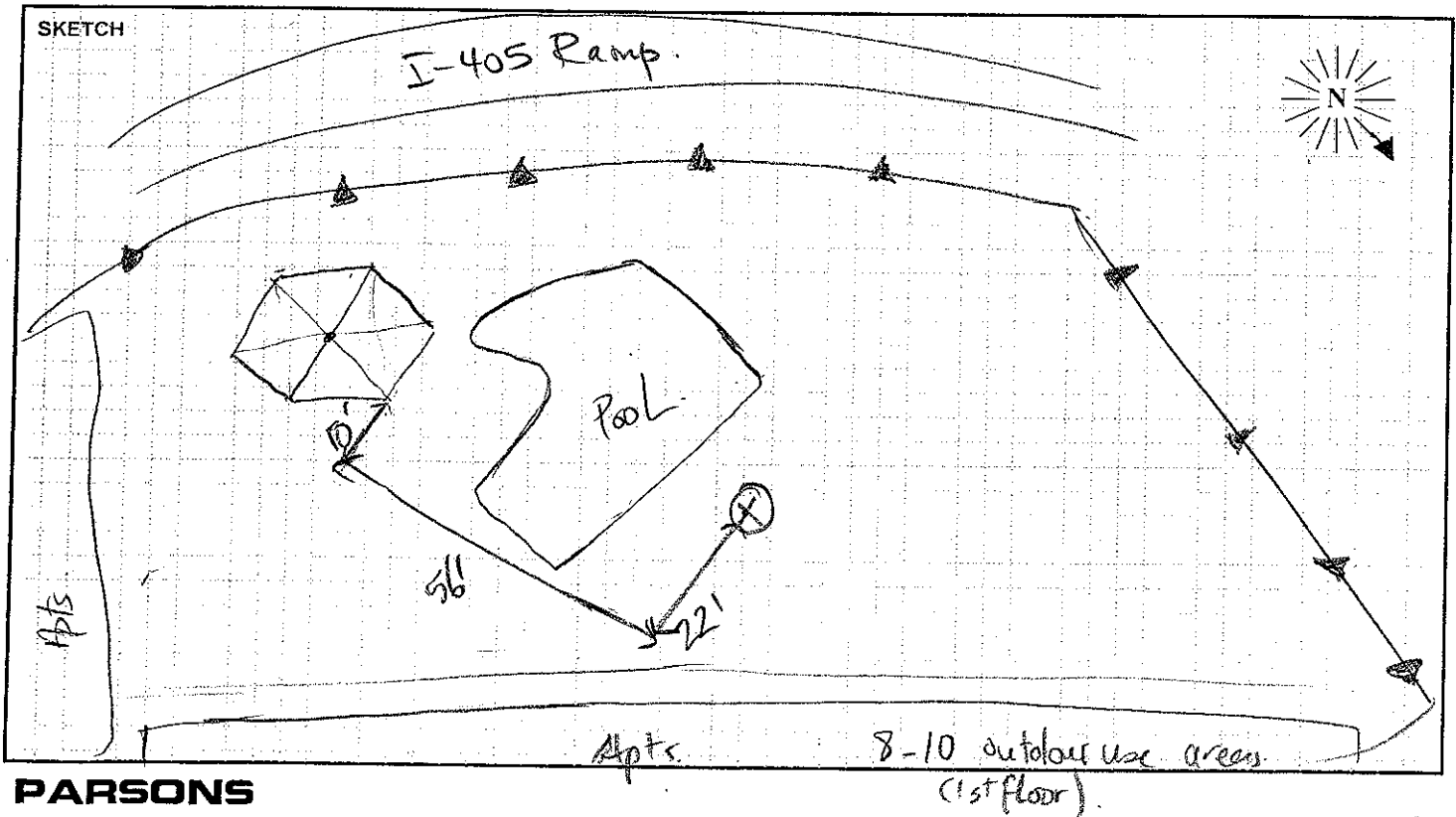
NOTES:												MEAS. TYPE:	
Dist. to Center of Nearest Lane _____												<input type="checkbox"/> Video <input type="checkbox"/> Radar	
Counts												<input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:	
6/16	12:46	13:00	56.9	58.2	60.5	62.5	64.6	73.8	77.2	63.8			
6/16	13:00	13:20	56.9	58.1	60.6	62.5	64.5	66.3	68.1	62.8			CAL



FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Jason O. Ibrahim A.		DATE: 06/14/10
MEASUREMENT ADDRESS: 8882 Heil Ave. (Casa Temp Apts) Westminster		CITY: Westminster	<input type="checkbox"/> Single-Family <input type="checkbox"/> Recreational <input checked="" type="checkbox"/> Multi-Family <input type="checkbox"/> Commercial	
SOUND LEVEL METER:		MICROPHONE:		PRE AMP:
<input checked="" type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input type="checkbox"/> _____		<input checked="" type="checkbox"/> WIND SCREEN <input checked="" type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM		<input checked="" type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input type="checkbox"/> _____
SERIAL #: 0128		SERIAL #: 1785		SERIAL #: 3203
CALIBRATOR:		CALIBRATION RECORD:		
<input checked="" type="checkbox"/> LD CA250 Freq, Hz. <input type="checkbox"/> B&K 4231 <input checked="" type="checkbox"/> 250 S/N 2480 <input type="checkbox"/> 1000 <input type="checkbox"/> _____		Input, dB / Reading, dB / Offset, dB / Time Before 114.0, 114.1, 21.0, 12.28 After 114, 114.2, 21.0, 16.24		
METER SETTINGS:				
<input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES				
NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 75 °F R.H.: 64 % WIND SPEED: 1.3 MPH TOWARD (DIR): _____ SKIES: Sunny CAMERA _____ PHOTO NOS. 16-24				

NOTES:												Dist. to Center of Nearest Lane _____			<input type="checkbox"/> Video <input type="checkbox"/> Radar		Counts AT MT HT			MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:									
06/14	16:00	16:20	60.1	61.1	62.1	63.3	64.0	65.0	70.5	72.3	63.9	helicopter at 16:17 ~ 72 dBA and at 16:19									

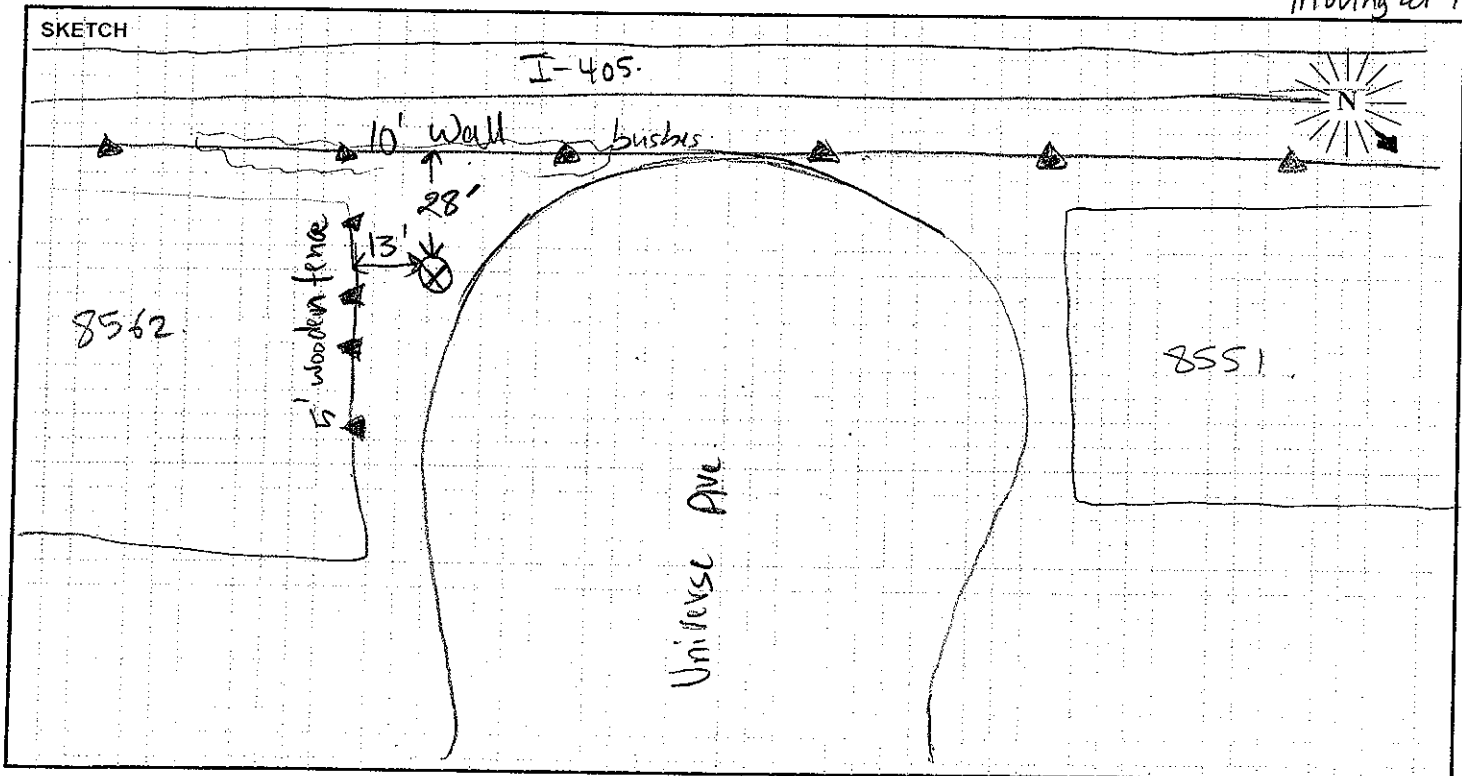


PARSONS

FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Ibrahim M.	DATE: 06/14/10	
MEASUREMENT ADDRESS: 8541 Universe Ave.		CITY:	SITE NO.: ST23	
SOUND LEVEL METER: <input checked="" type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input type="checkbox"/> _____		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input checked="" type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input checked="" type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input type="checkbox"/> _____	
SERIAL #: 0128	SERIAL #: 1785	SERIAL #: 3203	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 76 °F R.H.: 52 % WIND SPEED: 1 MPH TOWARD (DIR): _____ SKIES: Sunny CAMERA _____ PHOTO NOS. 9-15	
CALIBRATOR: <input checked="" type="checkbox"/> LD CA250 Freq. Hz. <input type="checkbox"/> B&K 4231 <input checked="" type="checkbox"/> 250 S/N 2480 <input type="checkbox"/> 1000 <input type="checkbox"/> _____		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before 114.0, 114.1, 21.0, 12:28 After 114.0, 114.4, 21.0, 13:04		
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES				

NOTES: Dist. to Center of Nearest Lane _____ <input type="checkbox"/> Video <input type="checkbox"/> Radar Counts AT MT HT												MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₅	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:
06/14	12:40	13:00	61.6	62.2	63.5	65.4	66.4	67.3	69.2	72.4	65.6	Car passed at 10:46
												Slamming car doors next to meter, car starting at 12:50 moving at 12:51



PARSONS

FIELD SURVEY FORM

PROJECT: I-405 PA-ED

ENGINEER: OGDEN

DATE: 06/16/10

MEASUREMENT ADDRESS:

Huntington Creek Apts

CITY:

Huntington Beach

☐ Single-Family
☒ Multi-Family

☐ Recreational
☐ Commercial

SITE NO.: ST24

SOUND LEVEL METER:

☐ LD-870 ☐ LD-820

☐ LD-824 ☐ LD-812

☒ B&K-2250 ☐

MICROPHONE:

☒ WIND/SCREEN

☐ NON-POLAR ☐ POLARIZED

☒ 1/2-INCH ☒ FREEFIELD

☐ 1-INCH ☐ RANDOM

PRE AMP:

☐ LD-900

☐ LD-828

☒

NOTES:

SYSTEM PWR: ☒ BAT ☐ AC

(observations at start of measurement)

TEMP: 70 °F R.H.: 60 %

WIND SPEED: 1.6 MPH

TOWARD (DIR): calm

SKIES: clear

CAMERA

PHOTO NOS. 78-86

SERIAL #: 2676 029

SERIAL #: #4189 2663101

SERIAL #: 10729

CALIBRATOR:

☐ LD CA250

☒ B&K 4231

S/N 2507137

Freq. Hz.

☐ 250

☒ 1000

☐

CALIBRATION RECORD:

Input, dB / Reading, dB / Offset, dB / Time

Before SENS, 47.37, mV/Pa, 10:02

After , 47.28 , , 16:44

METER SETTINGS:

☒ A-WTD ☐ LINEAR

☒ SLOW

☐ 1/1 OCT

☒ INTERVALS 20 - MINUTE

☐ C-WTD ☐ IMPULSE

☐ FAST

☐ 1/3 OCT

☐ L_N PERCENTILE VALUES

NOTES:

Dist. to Center
of Nearest Lane

☐ Video
☐ Radar

Counts

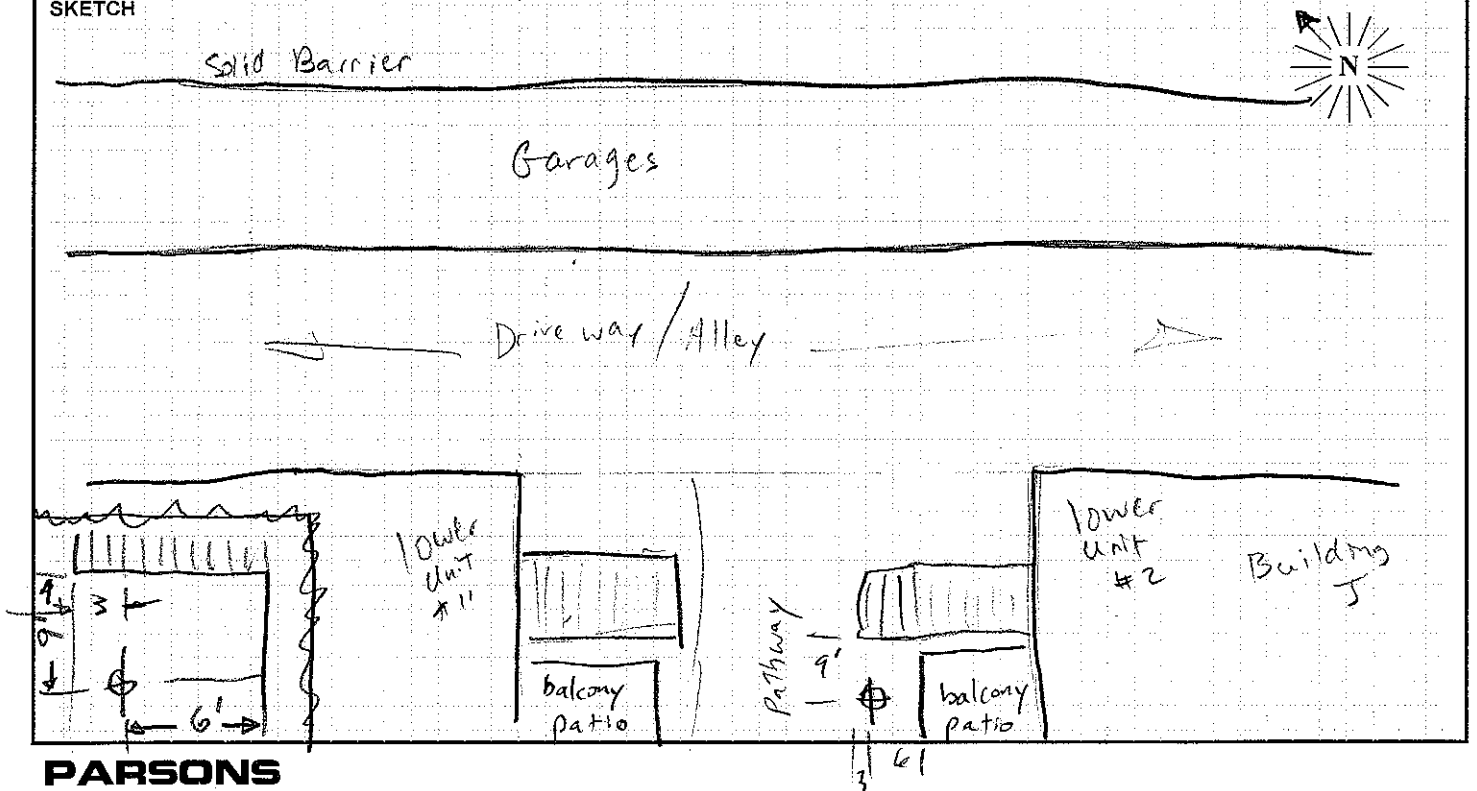
AT MT HT

MEAS. TYPE:

☐ Long Term
☒ Short Term

DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:
6/16	15:20	15:40	56.1	57.4	58.3	59.6	60.8	64.1	67.2	59.8		

SKETCH



PARSONS

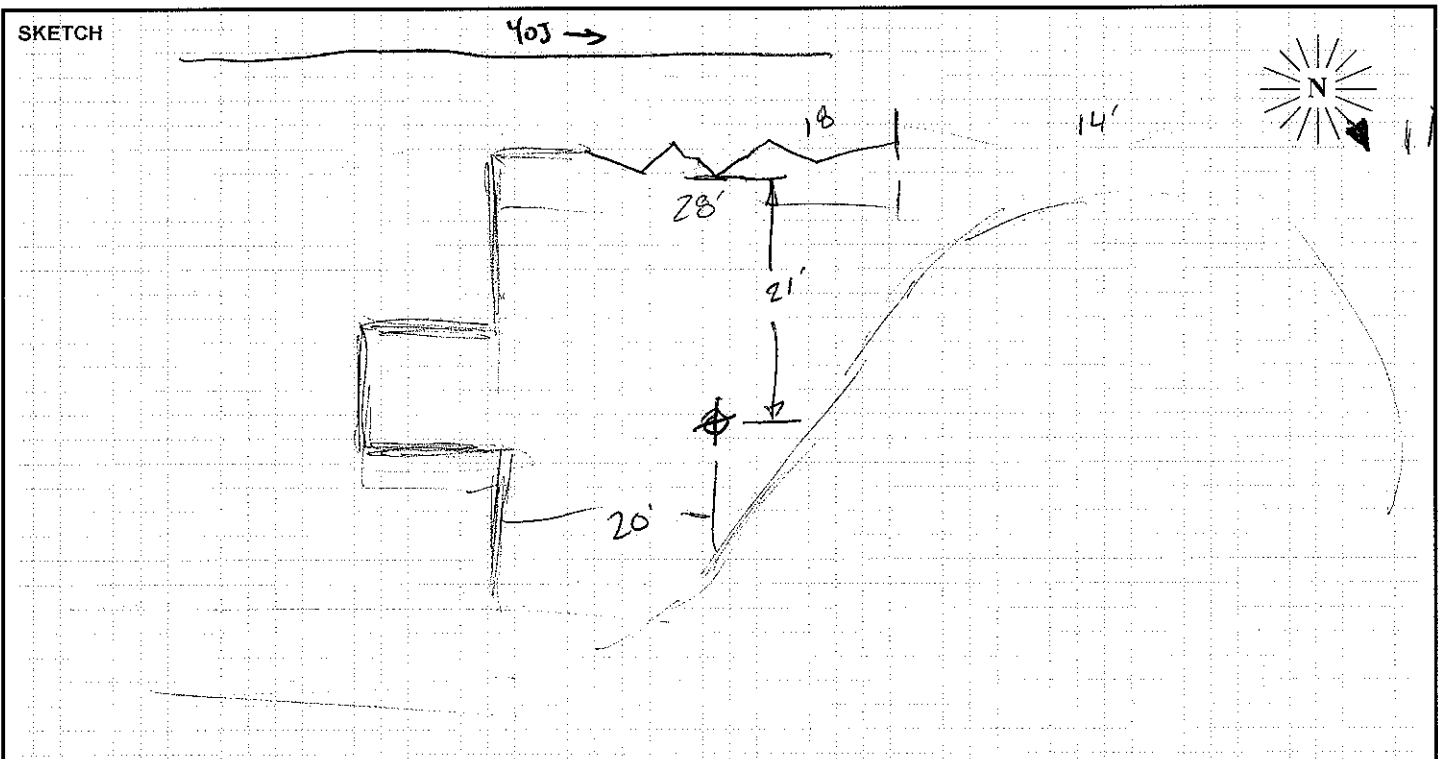
I-405 Improvement Project Noise Study Report

D-96

FIELD SURVEY FORM

PROJECT: I-405 PA-ED		ENGINEER: <u>OGDEN</u>		DATE: <u>6/14/10</u>
MEASUREMENT ADDRESS: <u>8172 Crown Ct.</u>		CITY: <u>Westminster</u>	<input checked="" type="checkbox"/> Single-Family <input type="checkbox"/> Multi-Family	<input type="checkbox"/> Recreational <input type="checkbox"/> Commercial SITE NO.: <u>ST25</u>
SOUND LEVEL METER: <input checked="" type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input type="checkbox"/> _____		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input checked="" type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input checked="" type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input type="checkbox"/> RANDOM		PRE AMP: <input checked="" type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input type="checkbox"/> _____
SERIAL #: <u>0128</u>		SERIAL #: <u>1785</u>		SERIAL #: <u>3203</u>
CALIBRATOR: <input checked="" type="checkbox"/> LD CA250 <input type="checkbox"/> B&K 4231 S/N <u>2479</u>		CALIBRATION RECORD: Freq. Hz. Input, dB / Reading, dB / Offset, dB / Time Before <u>6/14</u> <u>114, 114, 20.9, 10:15</u> After <u>114.0, 114.3, 20.9, 10:30</u>		NOTES: SYSTEM PWR: <input type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: <u>73</u> °F R.H.: <u>52</u> % WIND SPEED: <u>1.0</u> MPH TOWARD (DIR): _____ SKIES: <u>Sunny</u> CAMERA _____ PHOTO NOS. _____
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS <u>20</u> - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input checked="" type="checkbox"/> L _N PERCENTILE VALUES				

NOTES: Dist. to Center of Nearest Lane _____ <input type="checkbox"/> Video <input type="checkbox"/> Radar Counts <u>AT</u> <u>MT</u> <u>HT</u>											MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:
<u>6/14</u>												
<u>6/15</u>	<u>10:20</u>	<u>10:40</u>	<u>57.8</u>	<u>58.3</u>	<u>60.0</u>	<u>61.4</u>	<u>62.3</u>	<u>63.0</u>	<u>65.7</u>	<u>70.1</u>	<u>61.7</u>	<u>heli: <u>0.5</u></u>



FIELD SURVEY FORM

PROJECT: I-405 PA-ED		ENGINEER: <u>ODDEN</u>	DATE: <u>6/14/10</u>
MEASUREMENT ADDRESS: <u>8172 Crown Ct.</u>		CITY: <u>Westminster</u>	SITE NO.: <u>5725A</u>
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input checked="" type="checkbox"/> B&K-2250 <input type="checkbox"/>		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input checked="" type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/>
SERIAL #: <u>2676029</u>	SERIAL #: <u>#4189 2663101</u>	SERIAL #: <u>10729</u>	NOTES: SYSTEM PWR: <input type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: <u>73</u> °F R.H.: <u>52</u> % WIND SPEED: <u>1.0</u> MPH TOWARD (DIR): _____ SKIES: <u>Sunny</u> CAMERA _____ PHOTO NOS. _____
CALIBRATOR: <input type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N <u>2507137</u>		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time <u>6/14</u> <u>Sens, 47.19, mV/Pa, 09:52</u> <u>6/10</u> <u>6/15</u> <u>Sens, 47.29, mV/Pa, 10:05</u>	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS <u>20</u> MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input checked="" type="checkbox"/> LN PERCENTILE VALUES			

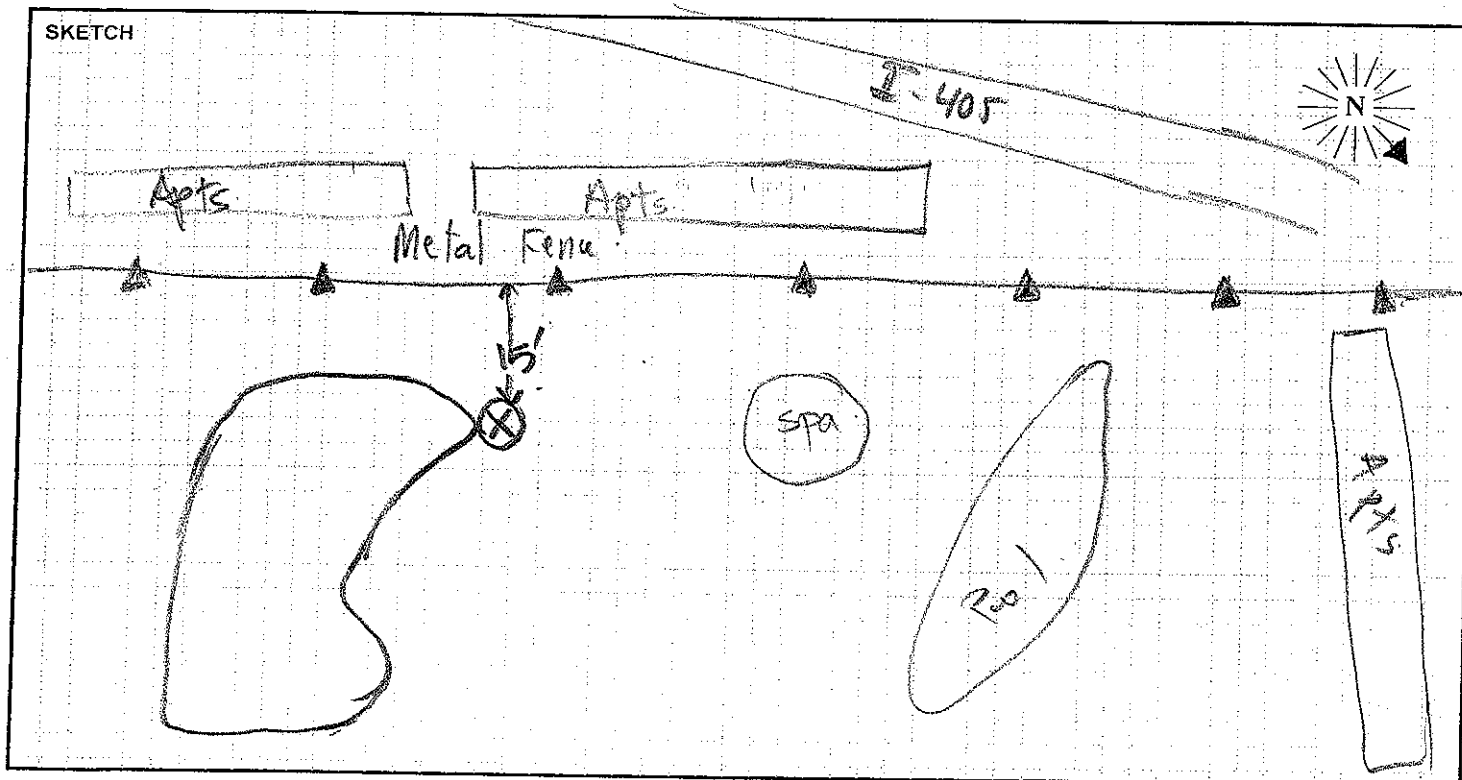
NOTES: Dist. to Center of Nearest Lane _____ <input type="checkbox"/> Video <input type="checkbox"/> Radar												Counts AT MT HT		MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:		
<u>6/14</u>	<u>13:40</u>	<u>14:00</u>	<u>55.8</u>	<u>57.0</u>	<u>58.5</u>	<u>60.2</u>	<u>62.0</u>	<u>64.6</u>	<u>66.8</u>	<u>60.5</u>		<u>Aborted cal</u>		
<u>6/15</u>	<u>10:20</u>	<u>10:40</u>	<u>55.8</u>	<u>56.8</u>	<u>58.3</u>	<u>59.8</u>	<u>61.6</u>	<u>66.1</u>	<u>69.1</u>	<u>60.2</u>		<u>CAL</u>		

SKETCH	
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FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Ibrahim A.	DATE: 06/14
MEASUREMENT ADDRESS: 8095 Worthy Dr.		CITY: Westminster	SITE NO.: ST26
SOUND LEVEL METER: <input checked="" type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input type="checkbox"/> _____	MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input checked="" type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input checked="" type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input type="checkbox"/> _____	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 81 °F R.H.: 62 % WIND SPEED: 1.2 MPH TOWARD (DIR): calm SKIES: Sunny CAMERA: _____ PHOTO NOS. 32-38
SERIAL #: 0128	SERIAL #: 1785	SERIAL #: 3203	
CALIBRATOR: <input checked="" type="checkbox"/> LD CA250 <input type="checkbox"/> B&K 4231 S/N 2480		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before 114, 114.2, 21.0, 17:22 After 114, 114.3, 21.0, 18:22	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES			

NOTES:												MEAS. TYPE:	
Dist. to Center of Nearest Lane _____												<input type="checkbox"/> Video	Counts
												<input type="checkbox"/> Radar	AT MT HT
												<input type="checkbox"/> Long Term	
												<input checked="" type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:	
06/14	18:00	18:20	57.1	57.1	57.7	58.6	59.2	59.8	62.5	66.8	58.9		



PARSONS

FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Jason O. Ibrahim A.	DATE: 06/14/10
MEASUREMENT ADDRESS: 53 Maplewood		CITY:	SITE NO.: ST 27
SOUND LEVEL METER: <input checked="" type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input type="checkbox"/> _____		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input checked="" type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input checked="" type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input type="checkbox"/> _____
SERIAL #: 0128	SERIAL #: 1785	SERIAL #: 3203	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 77 °F R.H.: 54 % WIND SPEED: 2 MPH TOWARD (DIR): Calm SKIES: Sunny CAMERA: _____ PHOTO NOS. 25-31
CALIBRATOR: <input checked="" type="checkbox"/> LD CA250 Freq, Hz. <input type="checkbox"/> B&K 4231 <input checked="" type="checkbox"/> 250 S/N 2480 <input type="checkbox"/> 1000 <input type="checkbox"/> _____		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before 114, 114.2, 21.0, 16.24 After 114, 114.2, 21.0, 17.22	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES			

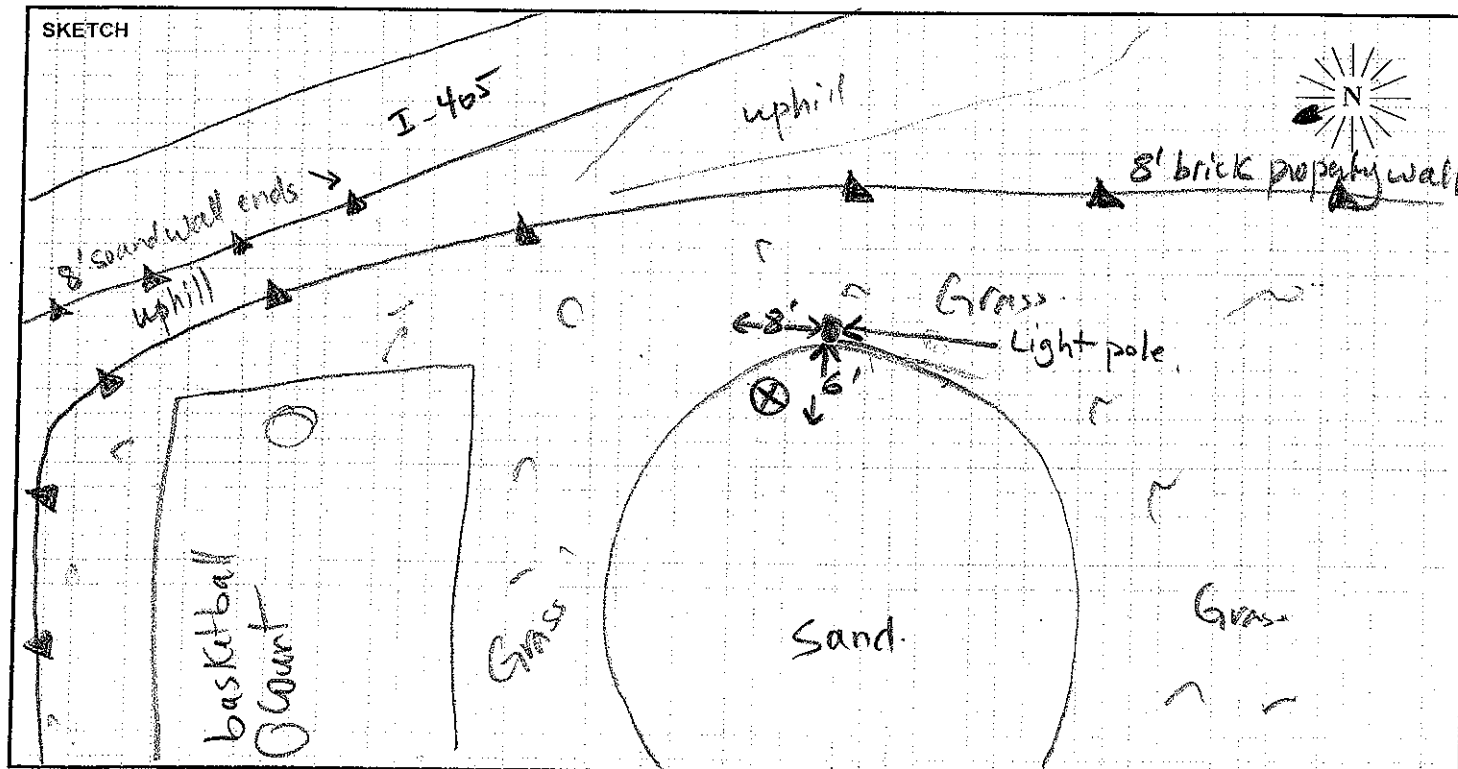
NOTES:												Dist. to Center of Nearest Lane _____	<input type="checkbox"/> Video <input type="checkbox"/> Radar	Counts AT MT HT	MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:			
06/14	17:00	17:20	58.9	60.0	60.6	61.9	62.7	63.5	65.7	68.6	62.2				

SKETCH

The sketch shows a hand-drawn map of the survey area. At the top, a horizontal line represents I-405. Below it, a vertical line segment is labeled '14' wall (18 brick + Aluminum extender)'. To the left of the wall is a large area labeled '54 Maplewood'. To the right of the wall is a smaller area labeled '52 Maplewood'. A north arrow is drawn in the upper right corner. The word 'Maplewood' is written at the bottom center. There are also some handwritten notes and arrows indicating directions and measurements.

PARSONS

FIELD SURVEY FORM				
PROJECT: <u>I-405-PA-ED</u>		ENGINEER: <u>Ibrahim, A.</u>		DATE: <u>06/15/10</u>
MEASUREMENT ADDRESS: <u>College Park at (Vermont St)</u>		CITY: <u>Westminster</u>		SITE NO.: <u>ST 28</u>
SOUND LEVEL METER:		MICROPHONE:		PRE AMP:
<input checked="" type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input type="checkbox"/> _____		<input checked="" type="checkbox"/> WIND SCREEN <input checked="" type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM		<input checked="" type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input type="checkbox"/> _____
SERIAL #: <u>0128</u>		SERIAL #: <u>1785</u>		SERIAL #: <u>3203</u>
CALIBRATOR:		CALIBRATION RECORD:		
<input checked="" type="checkbox"/> LD CA250 Freq, Hz. <input type="checkbox"/> B&K 4231 <input checked="" type="checkbox"/> 250 S/N <u>2480</u> <input type="checkbox"/> 1000 <input type="checkbox"/> _____		Input, dB / Reading, dB / Offset, dB / Time Before <u>114, 114, 20.9, 14:26</u> After <u>114, 114.1, 20.9, 15:02</u>		
METER SETTINGS:		NOTES:		
<input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS <u>20</u> - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES		SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: <u>73</u> °F R.H.: <u>66</u> % WIND SPEED: <u>1.4</u> MPH TOWARD (DIR): _____ SKIES: <u>Sunny</u> CAMERA _____ PHOTO NOS. <u>48-56</u>		

[illegible]

I-405 Improvement Project Noise Study Report

FIELD SURVEY FORM

PROJECT: I-405 PA-ED		ENGINEER: <u>OGDEN</u>	DATE: <u>6/16/10</u>
MEASUREMENT ADDRESS: <u>7141 Rutgers Ave</u>		CITY:	SITE NO.: <u>5529</u>
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input checked="" type="checkbox"/> B&K-2250 <input type="checkbox"/>	MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input checked="" type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/>	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: <u>68</u> °F R.H.: <u>56</u> % WIND SPEED: <u>1</u> MPH TOWARD (DIR): <u>Calm</u> SKIES: <u>Marine layer</u> CAMERA <u>iPhone</u> PHOTO NOS. _____
SERIAL #: <u>2676029</u>	SERIAL #: <u>#4189 2663101</u>	SERIAL #: <u>10729</u>	
CALIBRATOR: <input type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N <u>2507137</u>	Freq. Hz. <input type="checkbox"/> 250 <input checked="" type="checkbox"/> 1000	CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before <u>Sens, 47.37, mV/Pa, 10:52</u> After <u>47.28, 1644</u>	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS <u>20</u> - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input checked="" type="checkbox"/> L _N PERCENTILE VALUES			

NOTES: elevated ramp almost even with row. Lgo better for ambient adjustment		Dist. to Center of Nearest Lane _____	<input checked="" type="checkbox"/> Video <input type="checkbox"/> Radar	Counts AT MT HT	MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term							
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:
6/16	10:04	10:20	56.2	57.4	59.7	61.3	63.4	63.4	67.7	69.3	61.9	
6/16	10:20	10:40	56.2	57.8	59.3	60.9	63.0	63.0	66.7	61.7	61.7	CAL 17 (LT16)

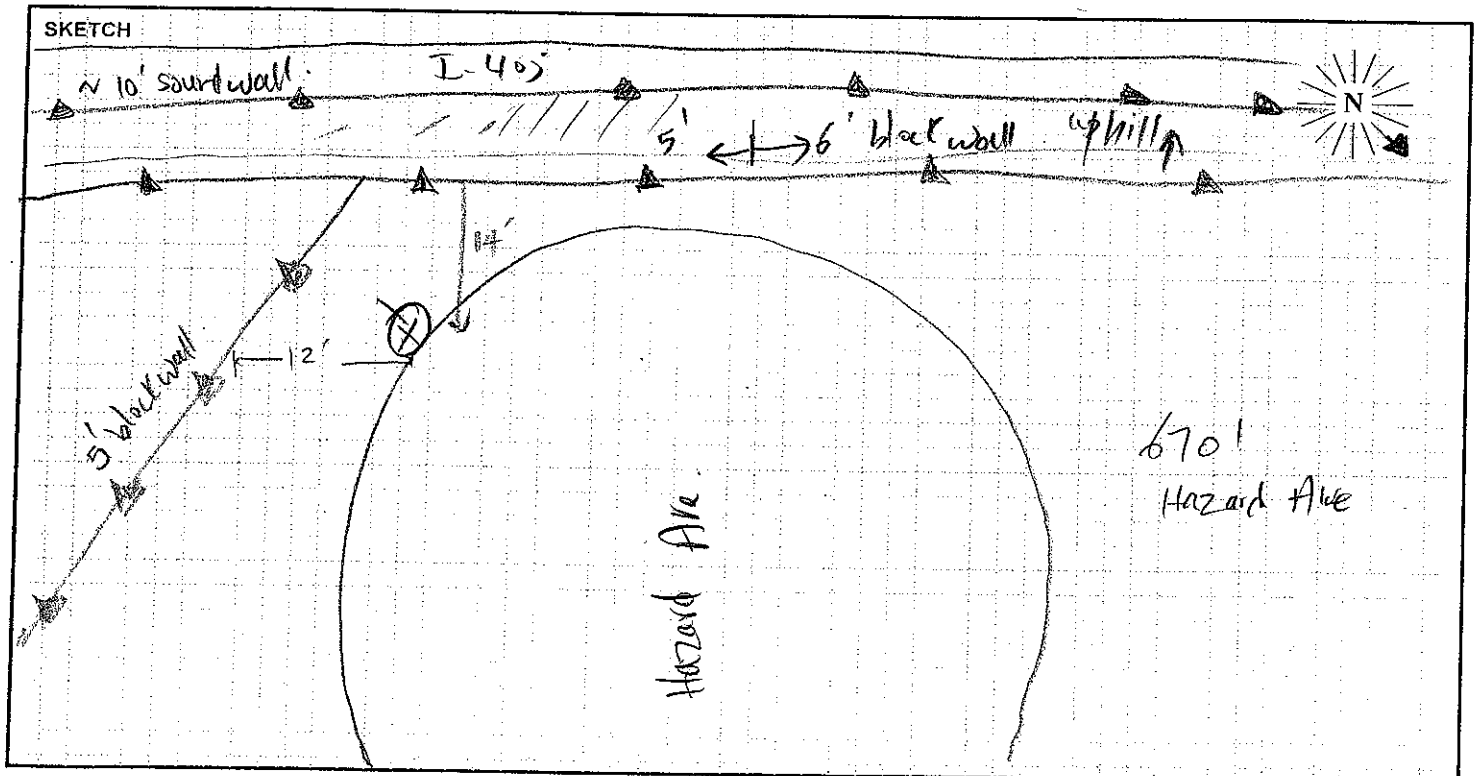
SKETCH

SB405 On Ramp from Bolsa →

FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Ebrahim A/Philip Jo	DATE: 06/21/10	
MEASUREMENT ADDRESS: 6722 Hazard Ave.		CITY: Westminster	SITE NO.: ST 30	
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input checked="" type="checkbox"/> B&K 2238		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input checked="" type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> BK 4188	
SERIAL #: 2540882	SERIAL #: 2539490	SERIAL #: 4301	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 78 °F R.H.: 61 % WIND SPEED: 1 MPH TOWARD (DIR): calm SKIES: sunny CAMERA: _____ PHOTO NOS. 662-669	
CALIBRATOR: <input type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N 2507137		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before 94, 93.8, -30.8, 12.15 After 94, 93.8, -30.9, 8.11		
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES				

NOTES: _____												Dist. to Center of Nearest Lane _____	<input type="checkbox"/> Video <input type="checkbox"/> Radar	Counts AT MT HT	MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:			
06/21	15:00	15:20	56.9	57.0	58.5	60.0	/	61.5	62.5	65.5	60.1				

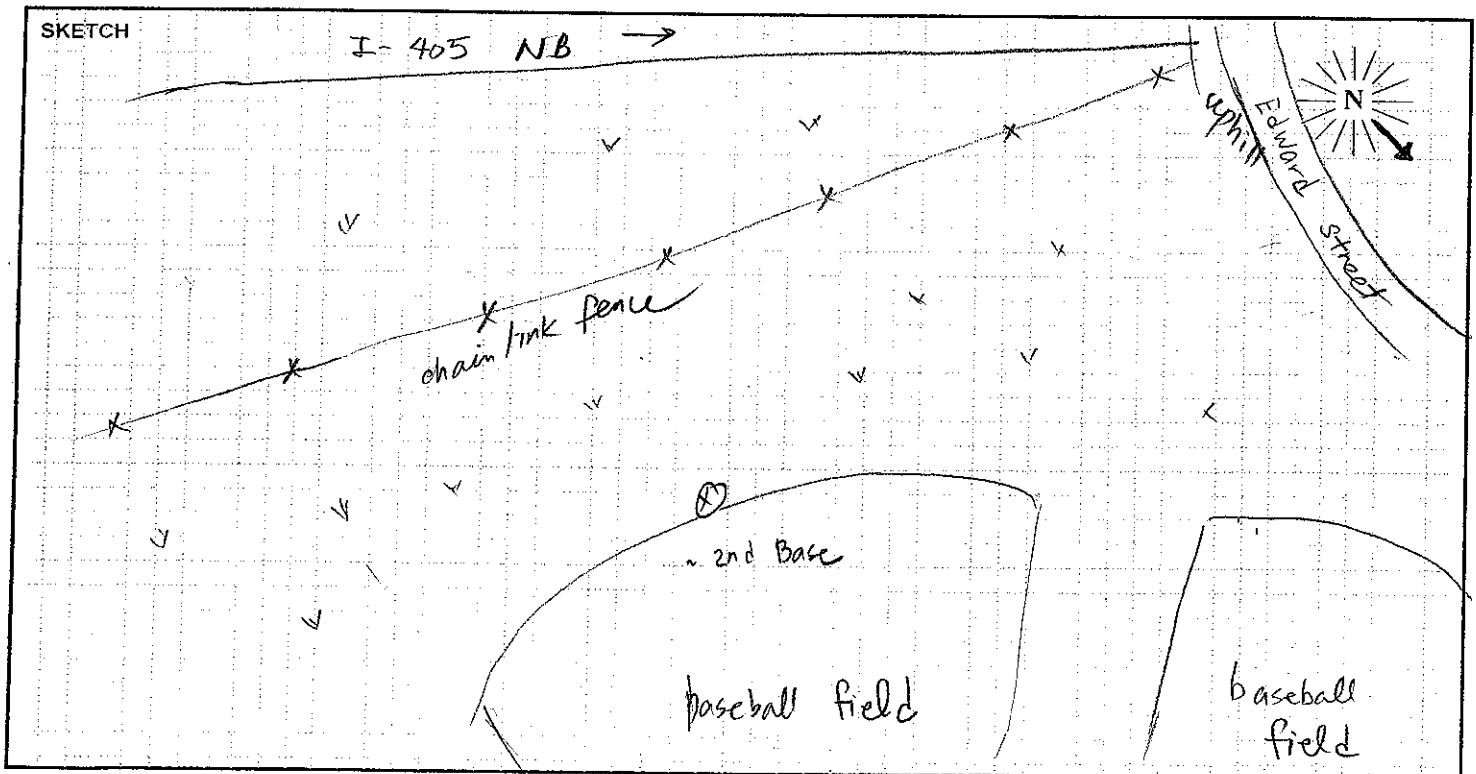


PARSONS

FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Ibrahim A.	DATE: 06/21/10
MEASUREMENT ADDRESS: Dukingham Park		CITY: Westminster	SITE NO.: ST 31
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input checked="" type="checkbox"/> BK2238		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input checked="" type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> BK4188
SERIAL #: 2540882	SERIAL #: B&K 4188 12539490	SERIAL #: 4301	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement)
CALIBRATOR:	CALIBRATION RECORD:		TEMP: 67 °F R.H.: 64 %
<input type="checkbox"/> LD CA250 Freq, Hz. <input checked="" type="checkbox"/> B&K 4231 <input type="checkbox"/> 250 S/N 25071137 <input type="checkbox"/> 1000 <input type="checkbox"/> _____	Input, dB / Reading, dB / Offset, dB / Time Before 94, 93.8, -30.8, 12:15 After 94, 93.8, -30.9, 8:11		WIND SPEED: 1.4 MPH
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L_N PERCENTILE VALUES			TOWARD (DIR): calm
			SKIES: sunny
			CAMERA _____
			PHOTO NOS. 670 - 674

NOTES:												Dist. to Center of Nearest Lane _____	<input type="checkbox"/> Video <input type="checkbox"/> Radar	Counts AT MT HT			MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:					
06/21	16:00	16:20	63.3	63.5	64.5	65.5	/	66.5	69.0	74.6	65.8						

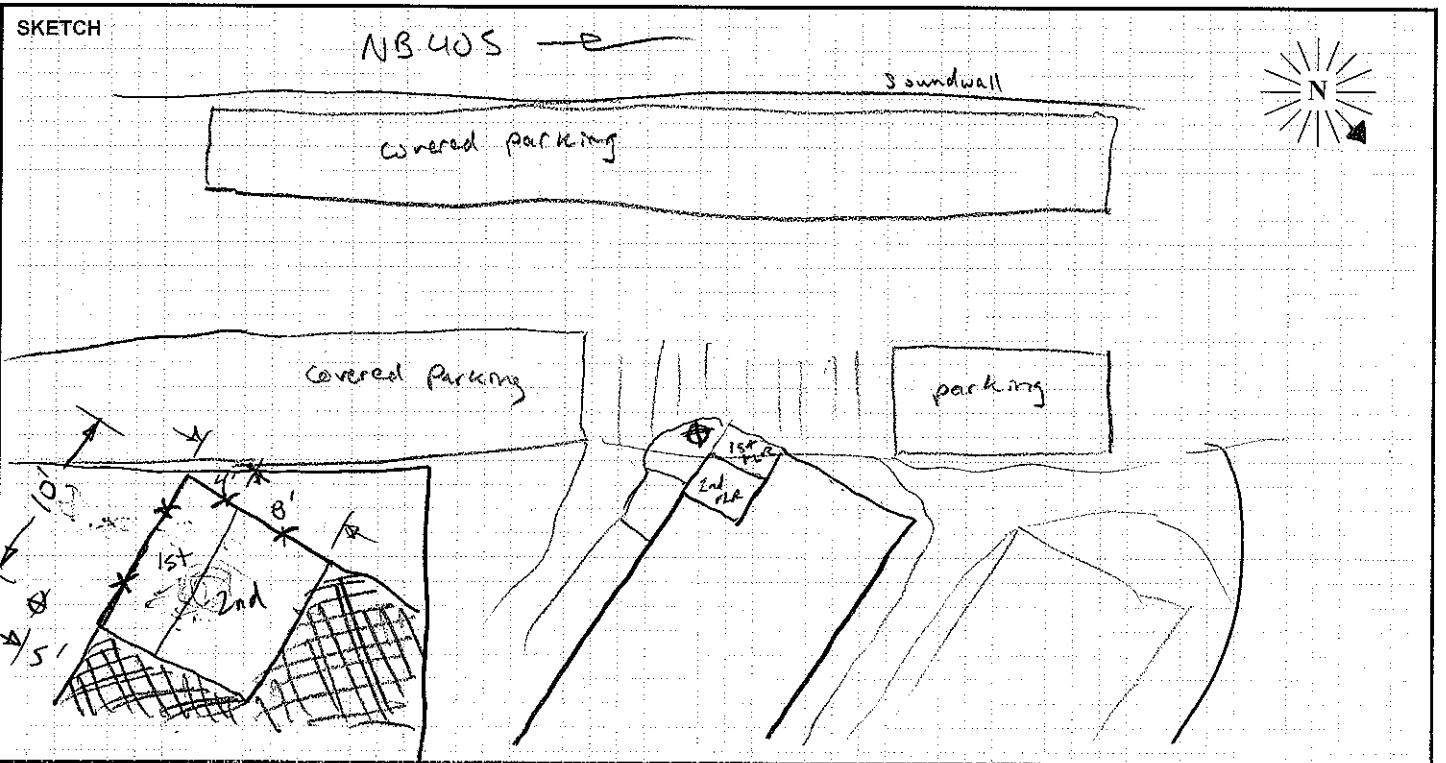


PARSONS

FIELD SURVEY FORM

PROJECT: I-405 PA-ED		ENGINEER: <u>Ogden</u>	DATE: <u>6/22/10</u>
MEASUREMENT ADDRESS: <u>Hollybrook Apartments</u>		CITY:	SITE NO.: <u>ST 32</u>
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input checked="" type="checkbox"/> B&K-2250 <input type="checkbox"/>	MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input checked="" type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input type="checkbox"/>	NOTES: SYSTEM PWR: <input type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: <u>77</u> °F R.H.: <u>51</u> % WIND SPEED: <u>12</u> MPH TOWARD (DIR): <u>calm</u> SKIES: <u>clear</u> CAMERA <u>Jason</u> PHOTO NOS. _____
SERIAL #: <u>2676029</u>	SERIAL #: <u>#4189 2663101</u>	SERIAL #: <u>10729</u>	
CALIBRATOR: <input type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N <u>2507137</u>	Freq. Hz. <input type="checkbox"/> 250 <input checked="" type="checkbox"/> 1000 <input type="checkbox"/>	CALIBRATION RECORD: <u>6/16/10</u> Input, dB / Reading, dB / Offset, dB / Time Before <u>47.37, mV/Pa, 10:02</u> After <u>47.28, 1644</u>	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS <u>20</u> - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input checked="" type="checkbox"/> LN PERCENTILE VALUES			

NOTES: <u>meter placed outside of patio due to balcony on 2nd floor. In addition, the patio area is too closed off to accommodate the measurement. ST 32A was added after site investigation for Alternative site</u>												MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:
6/22	11:40	12:00	63.0	63.9	65.2	66.8	68.6	74.8	79.9	67.5		Garbage trucks @ meter 1B
	12:00	12:20	61.0	62.6	65.2	67.1	68.7	72.3	74.2	67.3		Redo w/ ST 32A

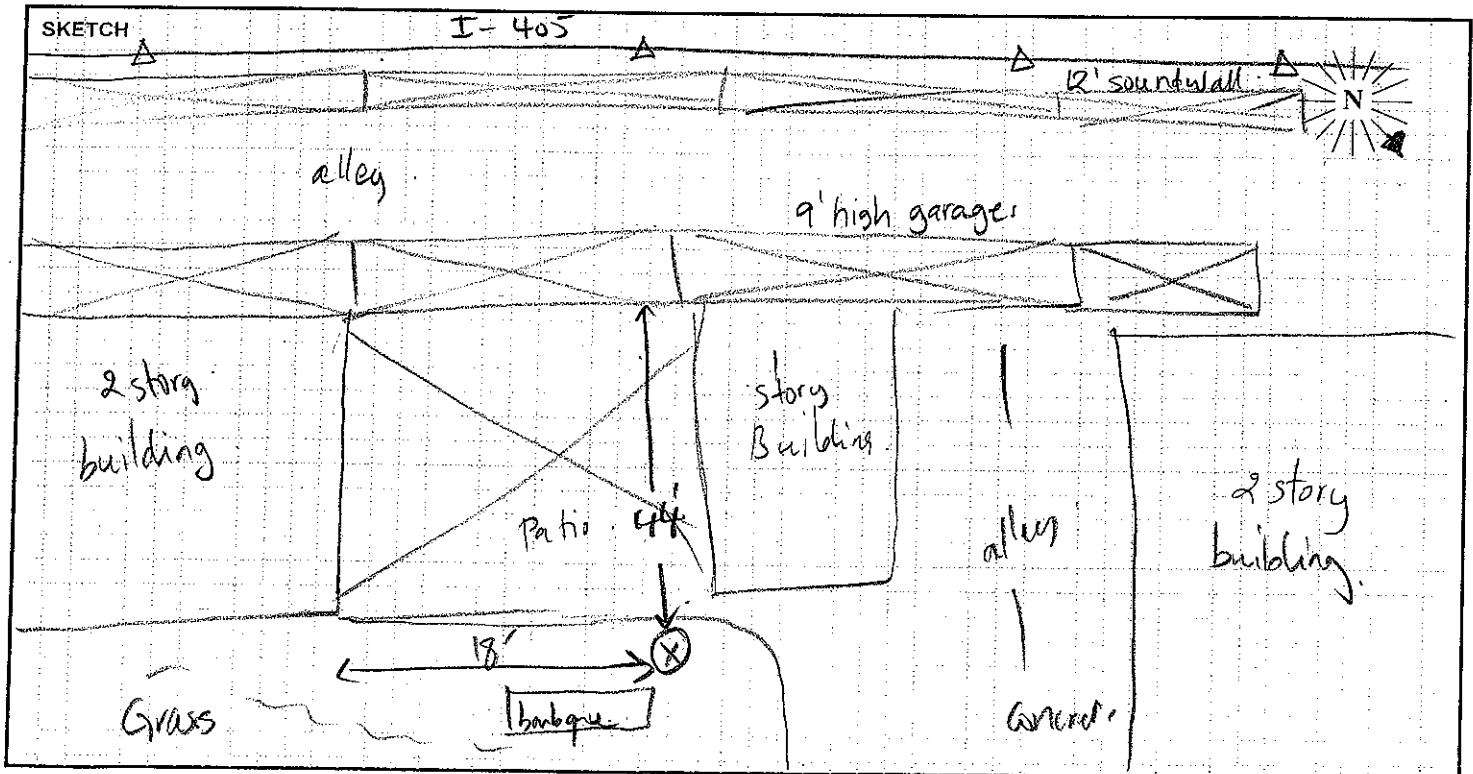


PARSONS

FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Ibrahim A.	DATE: 06/22/10
MEASUREMENT ADDRESS: Hollybrook Apts.		CITY: Westminster	SITE NO.: ST 32A
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input checked="" type="checkbox"/> BK 8238		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input checked="" type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> BK 4188
SERIAL #: 2540882	SERIAL #: 2539490	SERIAL #: 4301	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 77 °F R.H.: 51 % WIND SPEED: 0.7 MPH TOWARD (DIR): Calm SKIES: clear CAMERA: _____ PHOTO NOS. 141-147
CALIBRATOR: <input type="checkbox"/> LD CA250 Freq. Hz. <input checked="" type="checkbox"/> B&K 4231 <input type="checkbox"/> 250 S/N 2507137 <input type="checkbox"/> 1000 <input type="checkbox"/> _____		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before 94, 93.8, -30.9, 8.11 After 94, 93.8, -30.9, 7.51	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES			

NOTES:												Dist. to Center of Nearest Lane _____	<input type="checkbox"/> Video <input type="checkbox"/> Radar	Counts AT MT HT	MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:			
06/22	12:00	12:20	57.8	58.5	61.0	63.0	/	64.0	66.5	70.4	63.1				

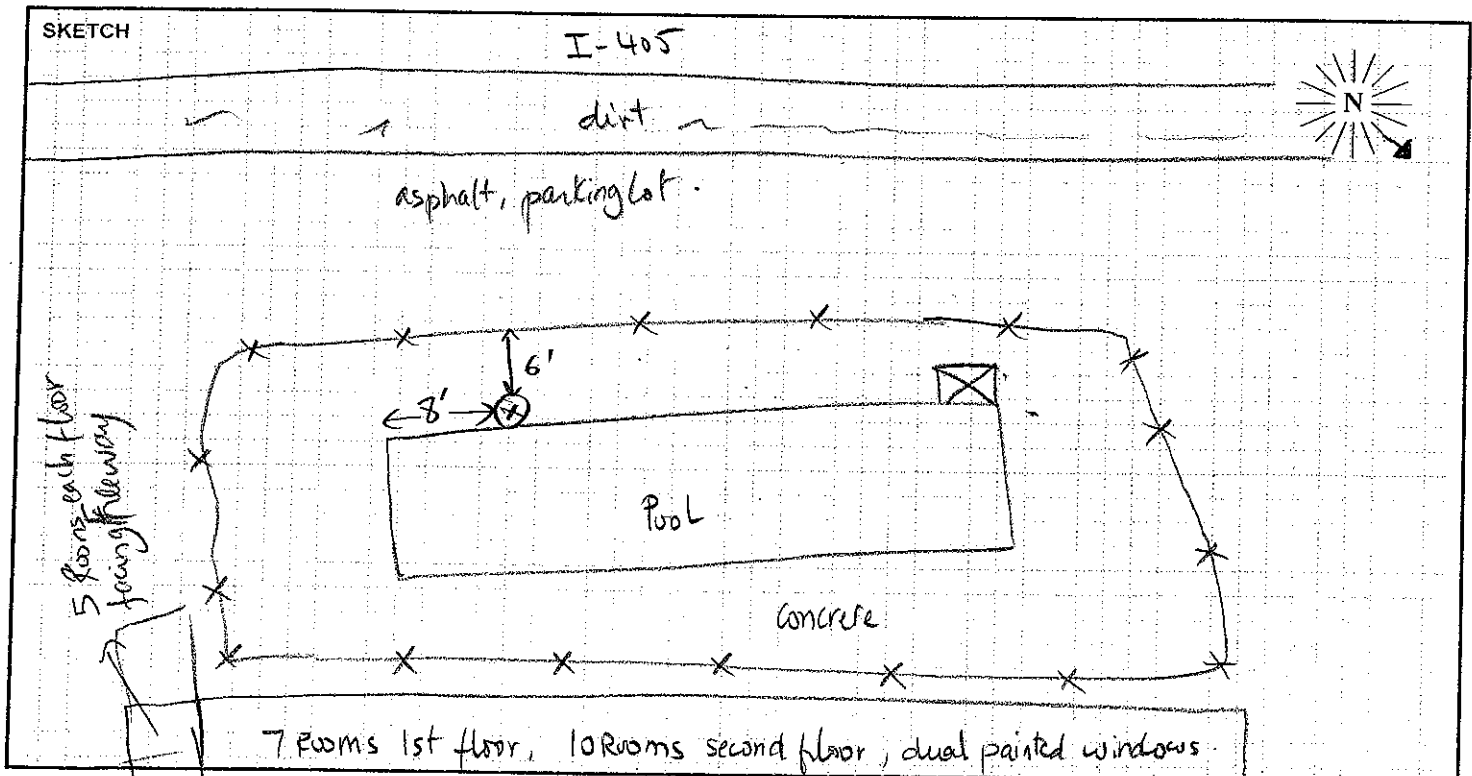


PARSONS

FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Ibrahim A.	DATE: 06/22/10
MEASUREMENT ADDRESS: Motel 6 (6266 Westminister Blvd)		CITY: Westminister	SITE NO.: ST 33
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input checked="" type="checkbox"/> BK 2238		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input checked="" type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> BK 488
SERIAL #: 2540882	SERIAL #: 2539490	SERIAL #: 4301	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement)
CALIBRATOR: <input type="checkbox"/> LD CA250 Freq. Hz. <input checked="" type="checkbox"/> B&K 4231 <input type="checkbox"/> 250 S/N 2501137 <input type="checkbox"/> 1000		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before 94, 93.8, 30.9, 8.11 After 94, 93.8, 30.9, 7.51	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES		CAMERA _____	
		PHOTO NOS. 133-140	

NOTES:												Dist. to Center of Nearest Lane		<input type="checkbox"/> Video <input type="checkbox"/> Radar		Counts AT MT HT			MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:								
06/22	11:20	11:40	68.6	69.0	70.5	72.5	/	74.0	75.5	76.9	72.6									

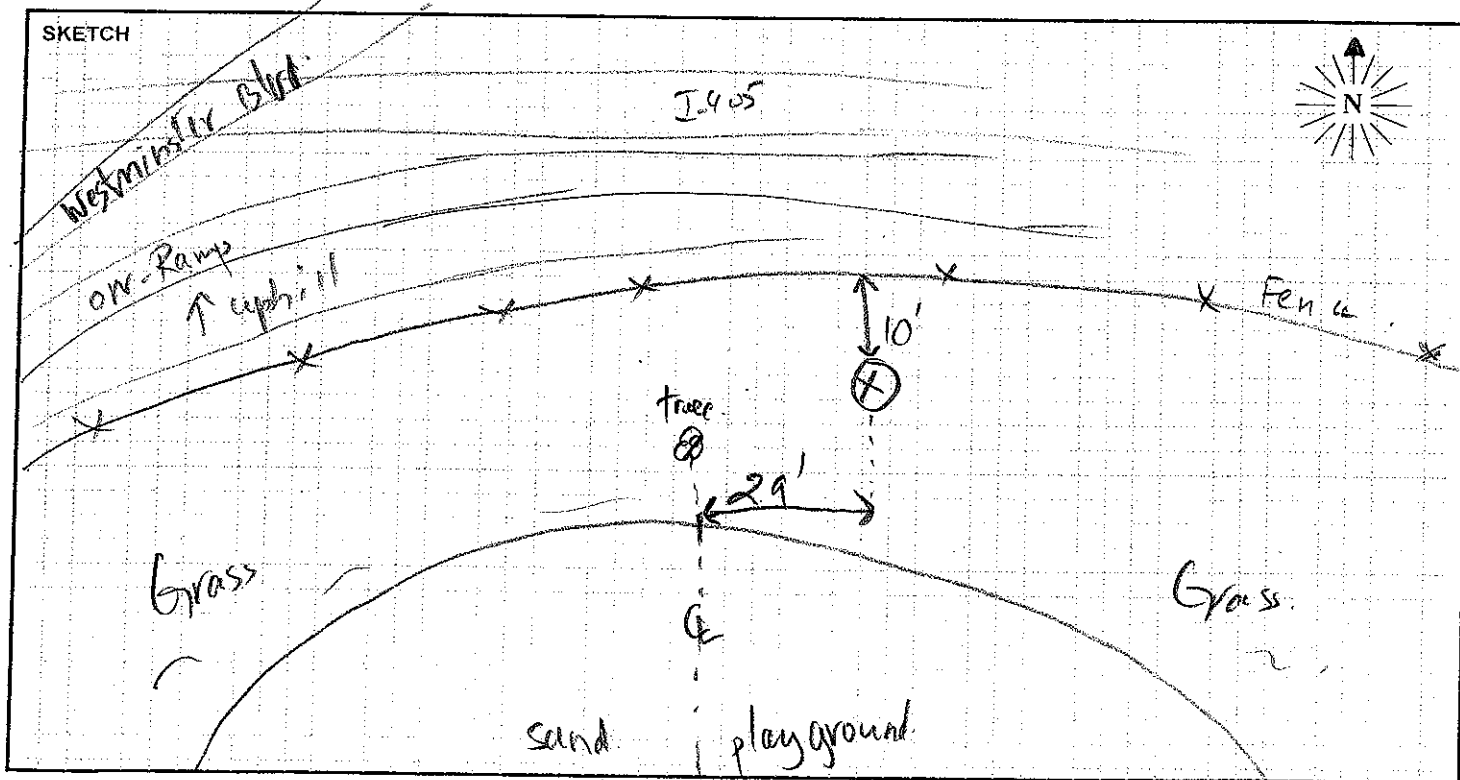


PARSONS

FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Ibrahim A.		DATE: 06/22/10
MEASUREMENT ADDRESS: Cascade Park		CITY: Westminster	<input type="checkbox"/> Single-Family <input type="checkbox"/> Multi-Family	<input checked="" type="checkbox"/> Recreational <input type="checkbox"/> Commercial
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 BK 2238		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input checked="" type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM		PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 BK 4188
SERIAL #: 2540882	SERIAL #: 2539490	SERIAL #: 4301	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement)	
CALIBRATOR: <input type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N 2507137		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before 94, 93.8, -30.9, 8:11 After 94, 93.8, -30.9, 7:51		TEMP: 71 °F R.H.: 60 %
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _n PERCENTILE VALUES		WIND SPEED: 1 MPH TOWARD (DIR): calm SKIES: clear CAMERA _____ PHOTO NOS. 125-132		

NOTES:												MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term
Dist. to Center of Nearest Lane _____ <input type="checkbox"/> Video <input type="checkbox"/> Radar												
Counts AT MT HT												
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:
06/22	10:20	10:40	59.4	60.0	61.5	63.5	/	68.0	72.0	81.2	65.5	

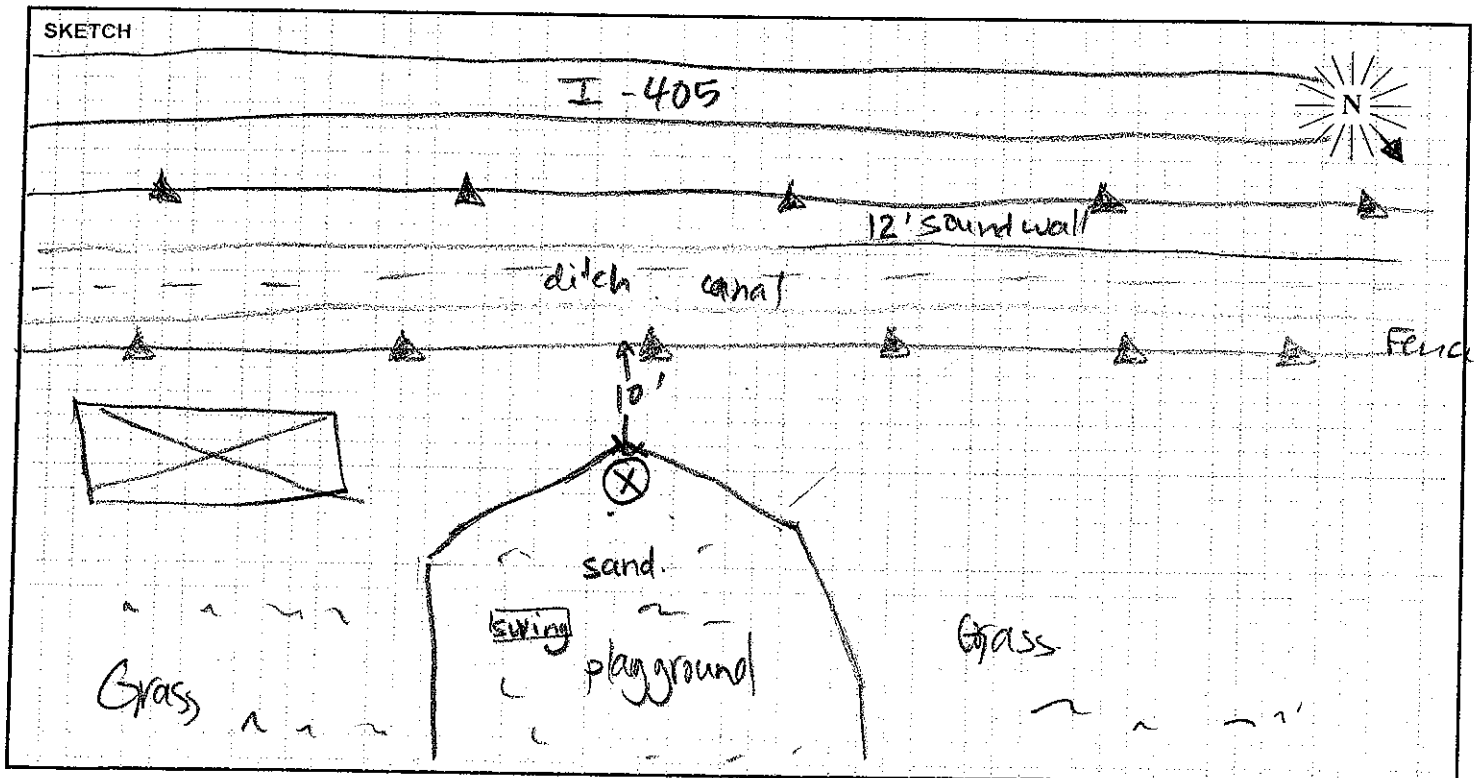


PARSONS

FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Thbrahim A	DATE: 06/21/10
MEASUREMENT ADDRESS: Indian Village Park		CITY: Westminster	SITE NO.: ST35
SOUND LEVEL METER: <input checked="" type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input type="checkbox"/> _____		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input checked="" type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	
SERIAL #: 0128	SERIAL #: 2029	SERIAL #: 3202	PRE AMP: <input checked="" type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input type="checkbox"/> _____
CALIBRATOR: <input checked="" type="checkbox"/> LD CA250 Freq. Hz. <input checked="" type="checkbox"/> 250 <input type="checkbox"/> B&K 4231 <input type="checkbox"/> 1000 S/N 2480 <input type="checkbox"/> _____		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before 114, 112.3, 20.9, 10:27 After 114, 112.7, 20.9, 11:38	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input checked="" type="checkbox"/> LINEAR <input type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES		NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 71 °F R.H.: 69 % WIND SPEED: 3.5 MPH TOWARD (DIR): Calm SKIES: cloudy CAMERA _____ PHOTO NOS. 646-652	

NOTES:												Dist. to Center of Nearest Lane _____		<input type="checkbox"/> Video <input type="checkbox"/> Radar	Counts <u>AT</u> <u>MT</u> <u>HT</u>			MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:							
06/21	10:40	11:00	65.3	66.1	67.2	68.8	69.8	70.8	73.8	79.2	89.2								

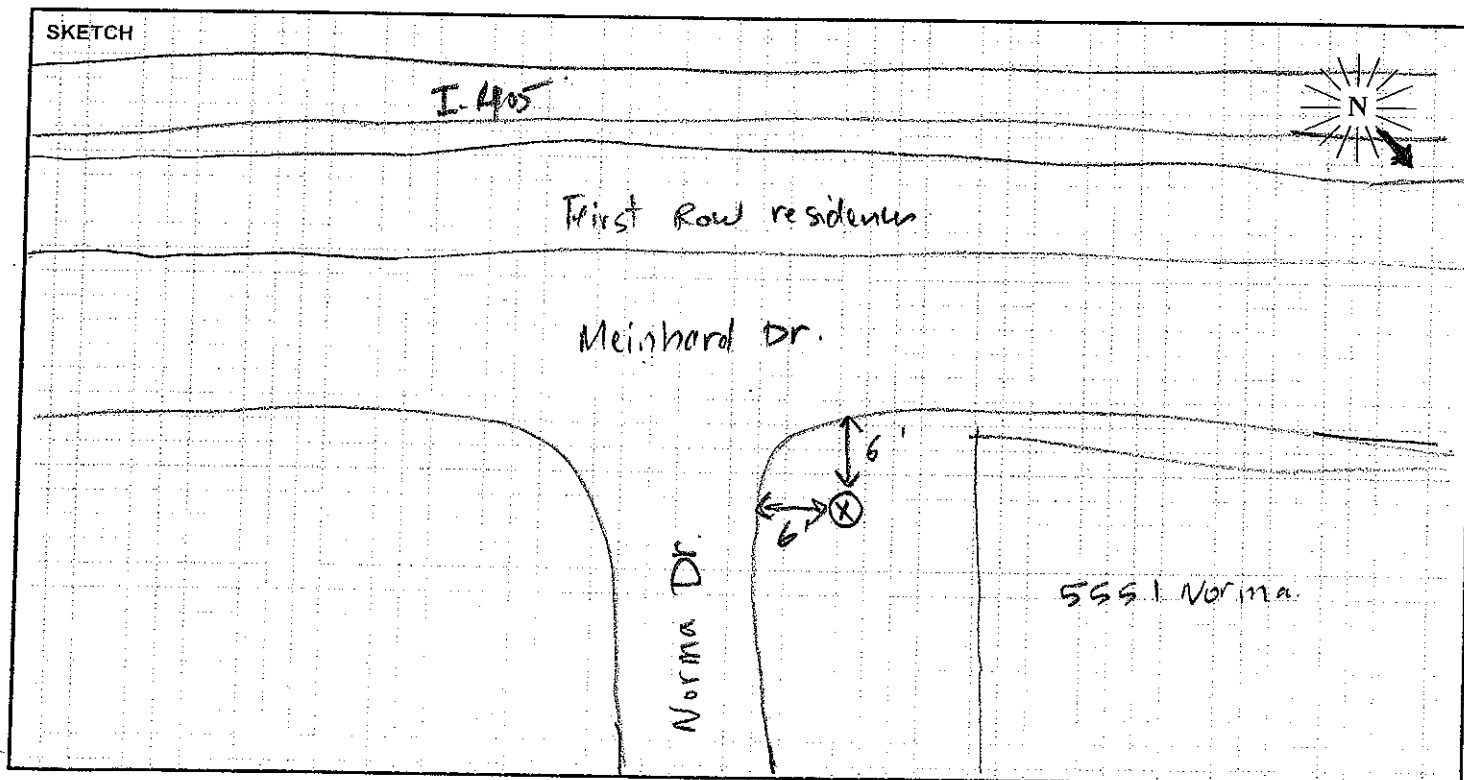


PARSONS

FIELD SURVEY FORM

PROJECT: I-405-PA-ED				ENGINEER: Abraham A.		DATE: 06/21/10	
MEASUREMENT ADDRESS: 5551 Norma Dr.				CITY: Westminster		<input checked="" type="checkbox"/> Single-Family <input type="checkbox"/> Recreational <input type="checkbox"/> Multi-Family <input type="checkbox"/> Commercial	
SOUND LEVEL METER:		MICROPHONE:		PRE AMP:		NOTES:	
<input checked="" type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input type="checkbox"/>		<input type="checkbox"/> WIND SCREEN <input checked="" type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM		<input checked="" type="checkbox"/> LD-900 <input checked="" type="checkbox"/> LD-828 <input type="checkbox"/>		SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 66 °F R.H.: 70 % WIND SPEED: 0.6 MPH TOWARD (DIR): Calm SKIES: cloudy CAMERA: _____ PHOTO NOS. 7-10	
SERIAL #: 0128		SERIAL #: 2029		SERIAL #: 3202			
CALIBRATOR:		CALIBRATION RECORD:					
<input checked="" type="checkbox"/> LD CA250 Freq. Hz. <input type="checkbox"/> B&K 4231 <input checked="" type="checkbox"/> 250 S/N 2480 <input type="checkbox"/> 1000 <input type="checkbox"/>		Input, dB / Reading, dB / Offset, dB / Time Before 114, 112.5, 20.9, 9:16 After 114, 112.3, 20.9, 10:27					
METER SETTINGS:							
<input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L_n PERCENTILE VALUES							

NOTES: _____ Dist. to Center of Nearest Lane _____ <input type="checkbox"/> Video <input type="checkbox"/> Radar												MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L_{MIN}	L_{95}	L_{90}	L_{50}	L_{25}	L_{10}	L_{01}	L_{MAX}	L_{EQ}	NOTES:	
06/21	9:20	9:40	56.4	57.0	58.0	59.5	60.4	61.0	62.1	66.2	59.7		

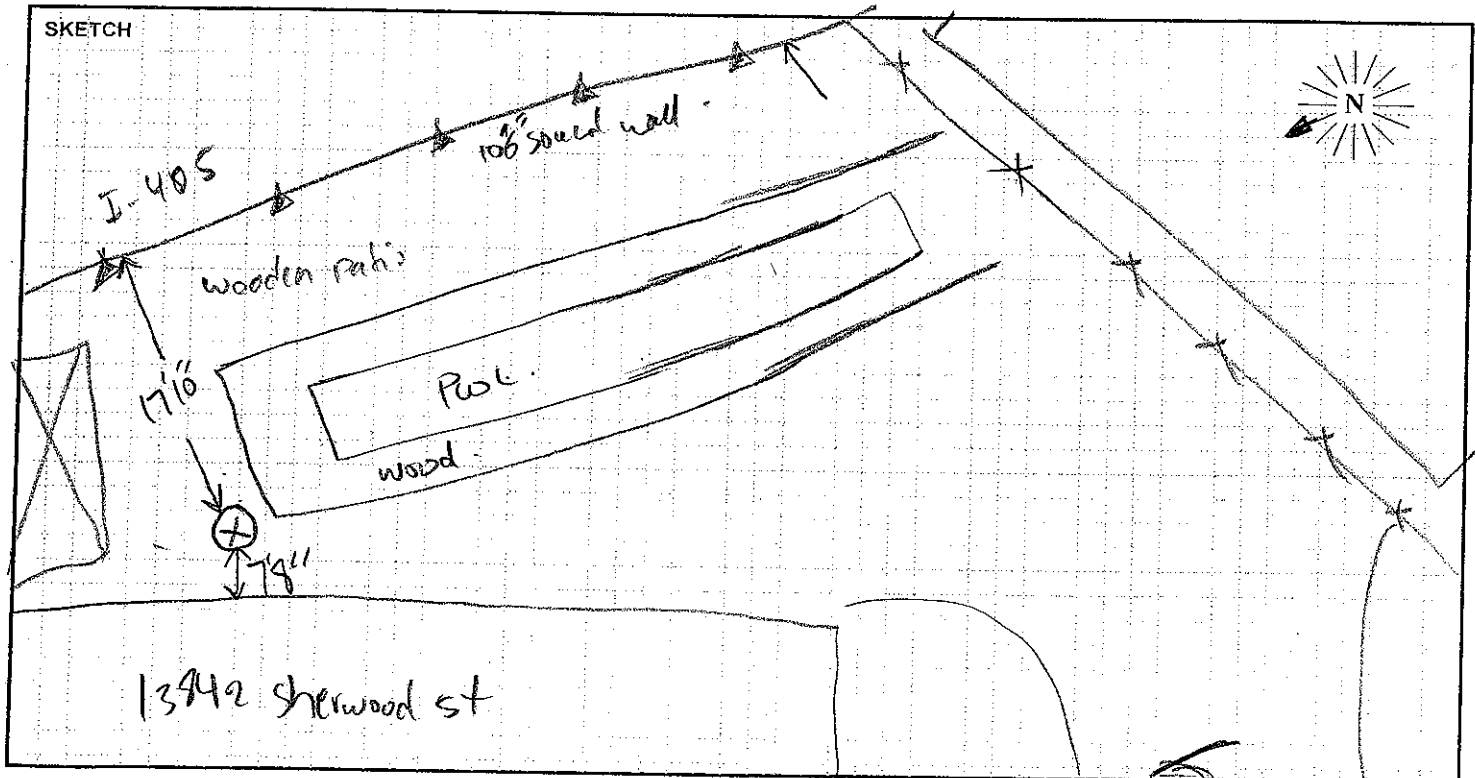


PARSONS

FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Ibrahim A	DATE: 06/22/10
MEASUREMENT ADDRESS: 13842 Sherwood St		CITY: Westminster	SITE NO.: ST36
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input checked="" type="checkbox"/> BK2238		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input checked="" type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> BK4188
SERIAL #: 2540882	SERIAL #: 2539490	SERIAL #: 4301	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 71 °F R.H.: 60 % WIND SPEED: 0.7 MPH TOWARD (DIR): calm SKIES: cloudy CAMERA: _____ PHOTO NOS. 118-124
CALIBRATOR: <input type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N 2507137		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before 94, 93.8, -30.9, 8:11 After 94, 93.8, -30.9, 7:51	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES			

NOTES:												Dist. to Center of Nearest Lane _____		<input type="checkbox"/> Video <input type="checkbox"/> Radar		Counts <u>AT</u> <u>MT</u> <u>HT</u>			MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EO}	NOTES:								
06/22	9:20	9:40	57.8	58.8	59.5	61.5	/	63.9	66.0	75.1	62.1									

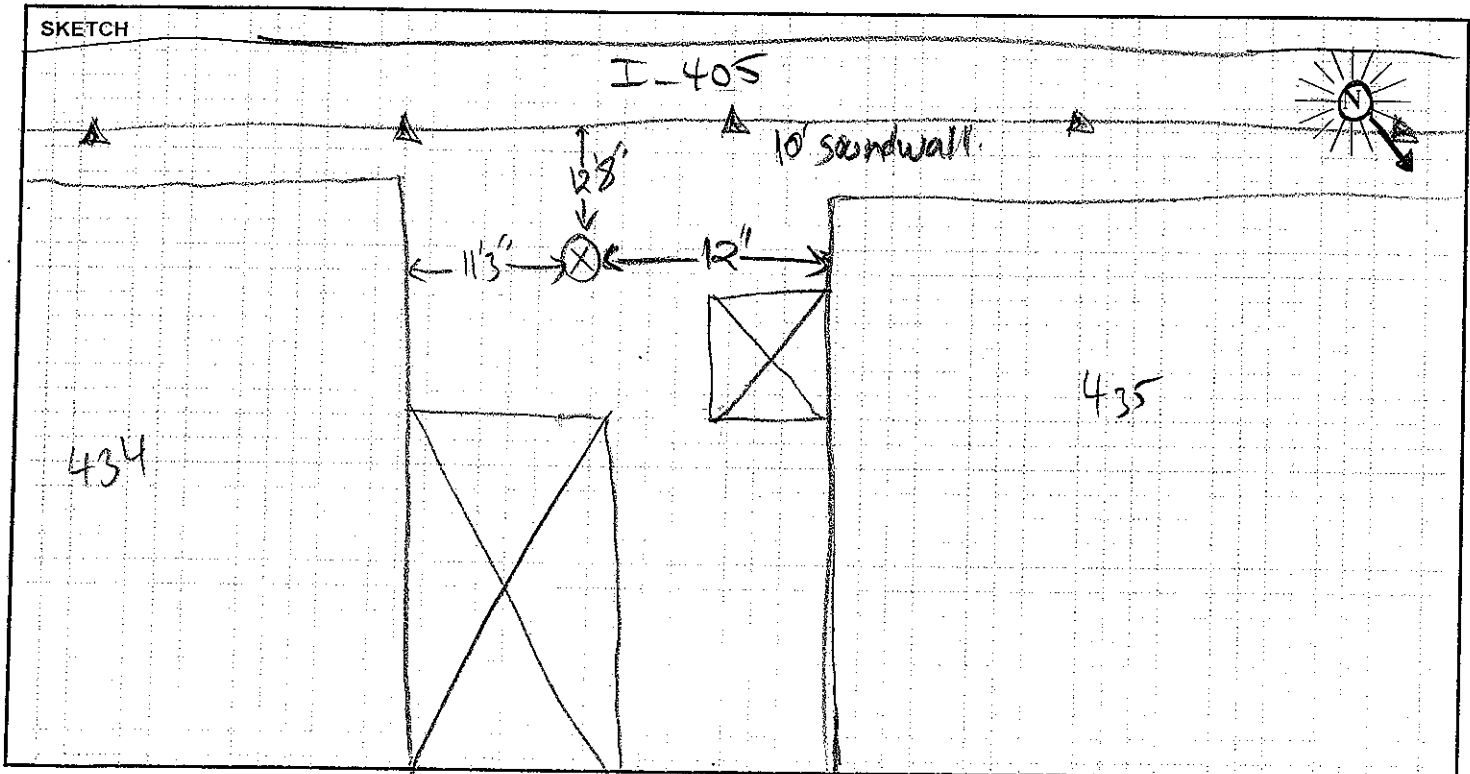


PARSONS

FIELD SURVEY FORM

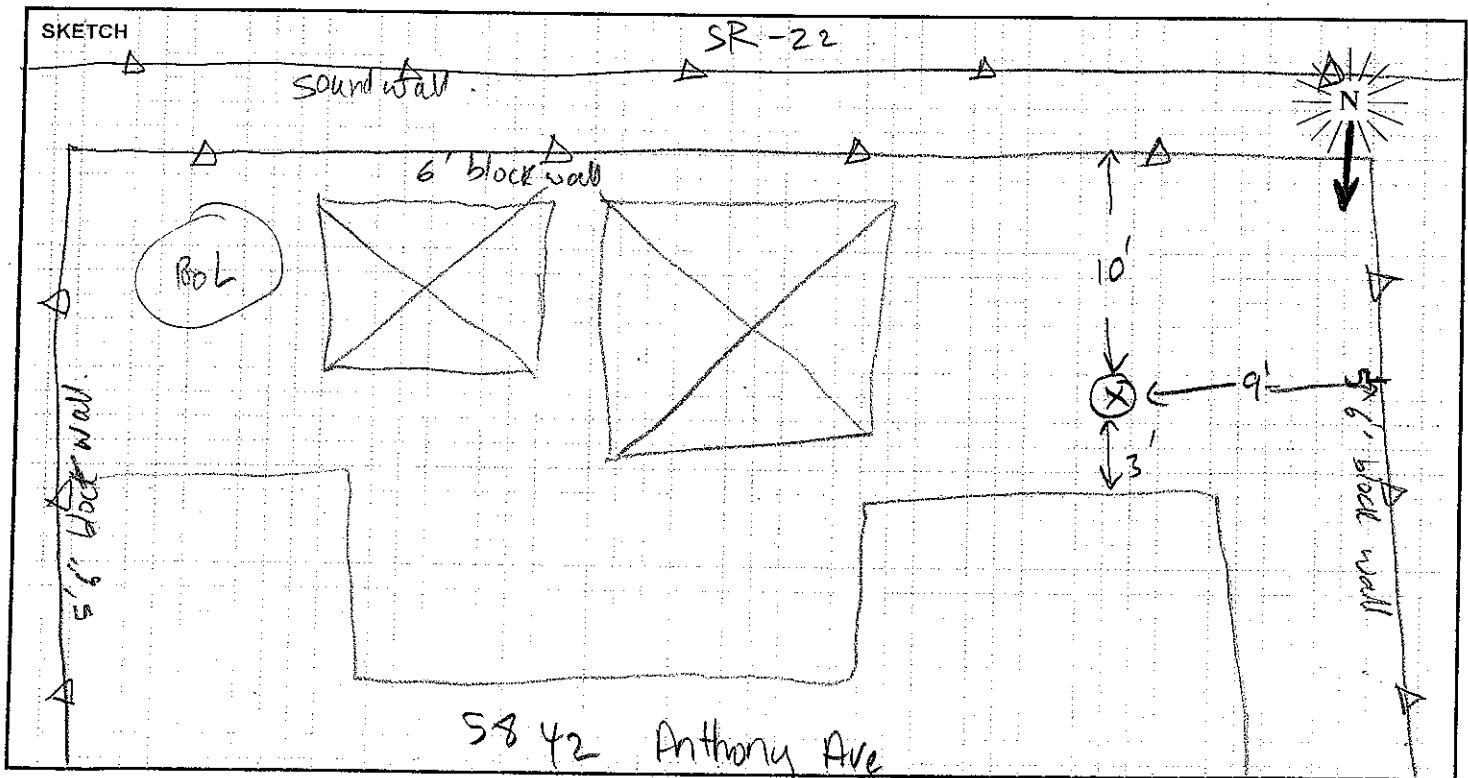
PROJECT: I-405-PA-ED		ENGINEER: Ibrahim A.	DATE: 06/21/10
MEASUREMENT ADDRESS: 434/435 Via Valencia		CITY: Garden Grove	SITE NO.: ST 37
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input checked="" type="checkbox"/> BK2238		MICROPHONE: <input type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input checked="" type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> BK4188
SERIAL #: 2540882	SERIAL #: 2539490	SERIAL #: 4301	NOTES:
CALIBRATOR: <input type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N 2507137		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before 94, 93.8, -30.8, 12.15 After 94, 93.8, -30.9, 8.11	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES		SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 72.5 °F R.H.: 52 % WIND SPEED: 0.7 MPH TOWARD (DIR): calm SKIES: clear CAMERA _____ PHOTO NOS. 675-680	

NOTES:												Dist. to Center of Nearest Lane _____ <input type="checkbox"/> Video <input type="checkbox"/> Radar			Counts AT MT HT			MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:							
06/21	17:00	17:20	62.6	63.5	65.0	66.0	/	67.0	69.5	76.6	66.4								



PARSONS

FIELD SURVEY FORM				
PROJECT: <u>I 405 PA-ED</u>		ENGINEER: <u>Ibrahim A.</u>		DATE: <u>06/24/10</u>
MEASUREMENT ADDRESS: <u>5842 Anthony Ave.</u>		CITY: <u>Garden Grove</u>	<input checked="" type="checkbox"/> Single-Family <input type="checkbox"/> Multi-Family	<input type="checkbox"/> Recreational <input type="checkbox"/> Commercial SITE NO.: <u>ST 37A</u>
SOUND LEVEL METER:		MICROPHONE:	PRE AMP:	NOTES:
<input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input checked="" type="checkbox"/> <u>BK2238</u>		<input checked="" type="checkbox"/> WIND SCREEN <input checked="" type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	<input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> <u>BK4188</u>	SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: <u>67</u> °F R.H.: <u>66</u> % WIND SPEED: <u>1</u> MPH TOWARD (DIR): <u>calm</u> SKIES: <u>cloudy</u>
SERIAL #: <u>2540882</u>		SERIAL #: <u>2539490</u>	SERIAL #: <u>4301</u>	
CALIBRATOR:		CALIBRATION RECORD:		
<input type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N <u>250137</u>		Freq, Hz. <input type="checkbox"/> 250 <input checked="" type="checkbox"/> 1000 Input, dB / Reading, dB / Offset, dB / Time Before <u>94, 93.8, -30.7, 8:45</u> After <u>94, 93.8, -30.9, 10:02</u>		
METER SETTINGS:			CAMERA	
<input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS <u>20</u> - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES			PHOTO NOS. <u>215-222</u>	

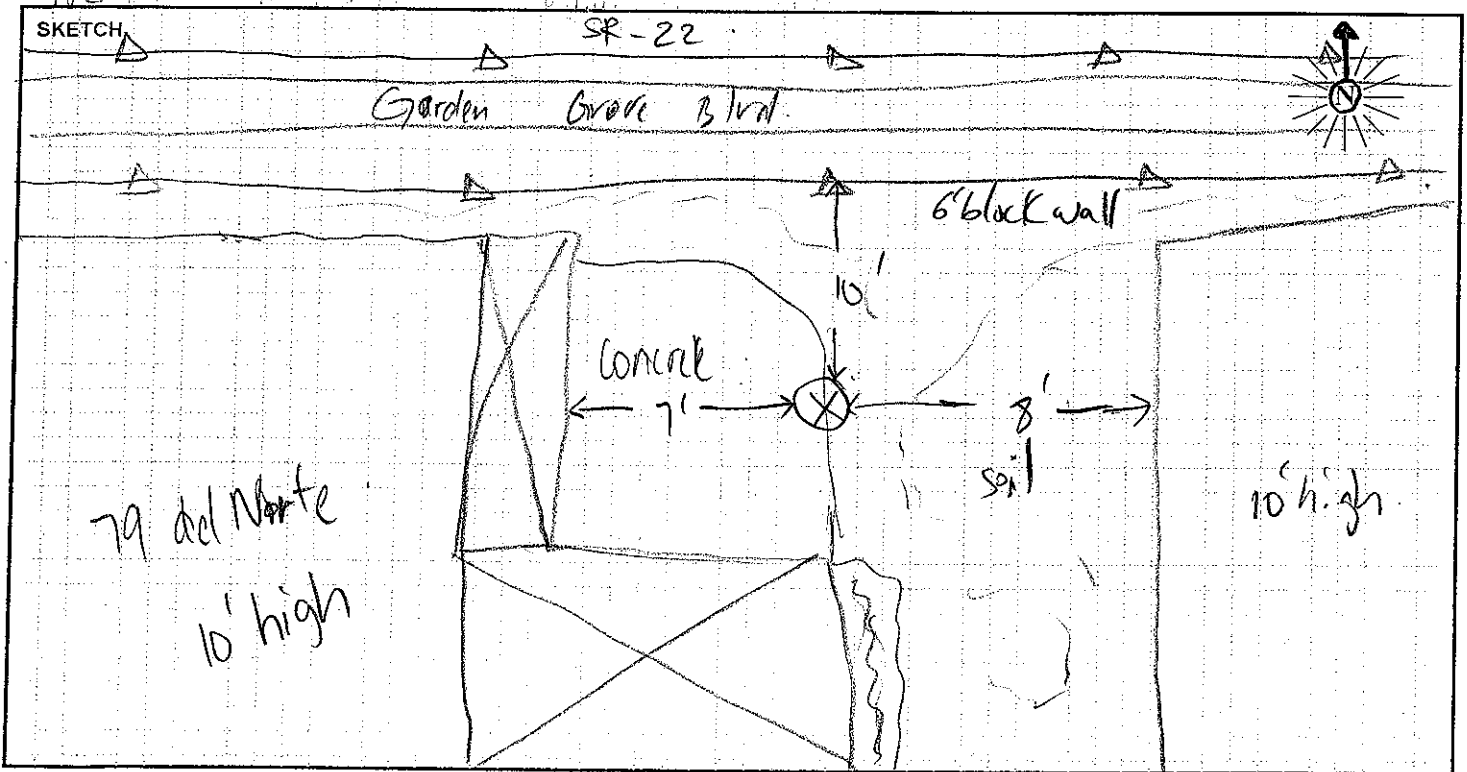
[illegible]

I-405 Improvement Project Noise Study Report

FIELD SURVEY FORM

PROJECT: <u>I-405-PA-ED</u>		ENGINEER: <u>Abraham A</u>		DATE: <u>06/24/10</u>
MEASUREMENT ADDRESS: <u>79 Via del Norte (Los Robles)</u>		CITY: <u>Garden Grove</u>		SITE NO.: <u>ST3TB</u>
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input checked="" type="checkbox"/> <u>BK 2236</u>		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input checked="" type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input type="checkbox"/> 1/2-INCH <input checked="" type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM		PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> <u>BK 4183</u>
SERIAL #: <u>9540882</u>	SERIAL #: <u>9539490</u>	SERIAL #: <u>4301</u>	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: <u>75</u> °F R.H.: <u>63</u> % WIND SPEED: <u>1.8</u> MPH TOWARD (DIR): <u>calm</u> SKIES: <u>clear</u> CAMERA _____ PHOTO NOS. <u>231-238</u>	
CALIBRATOR: <input type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N <u>250137</u>		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before <u>94, 93.8, -30.9, 8:45</u> After <u>94, 93.8, -30.9, 10:02</u>		
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS <u>20</u> - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES				

NOTES:												MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term
Dist. to Center of Nearest Lane _____						<input type="checkbox"/> Video <input type="checkbox"/> Radar		Counts AT MT HT				
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:
06/24	15:40	15:55	53.6	54.0	55.5	58.0	/	61.5	65.0	76.5	59.7	Almost all noise levels coming from Garden Grove Blvd

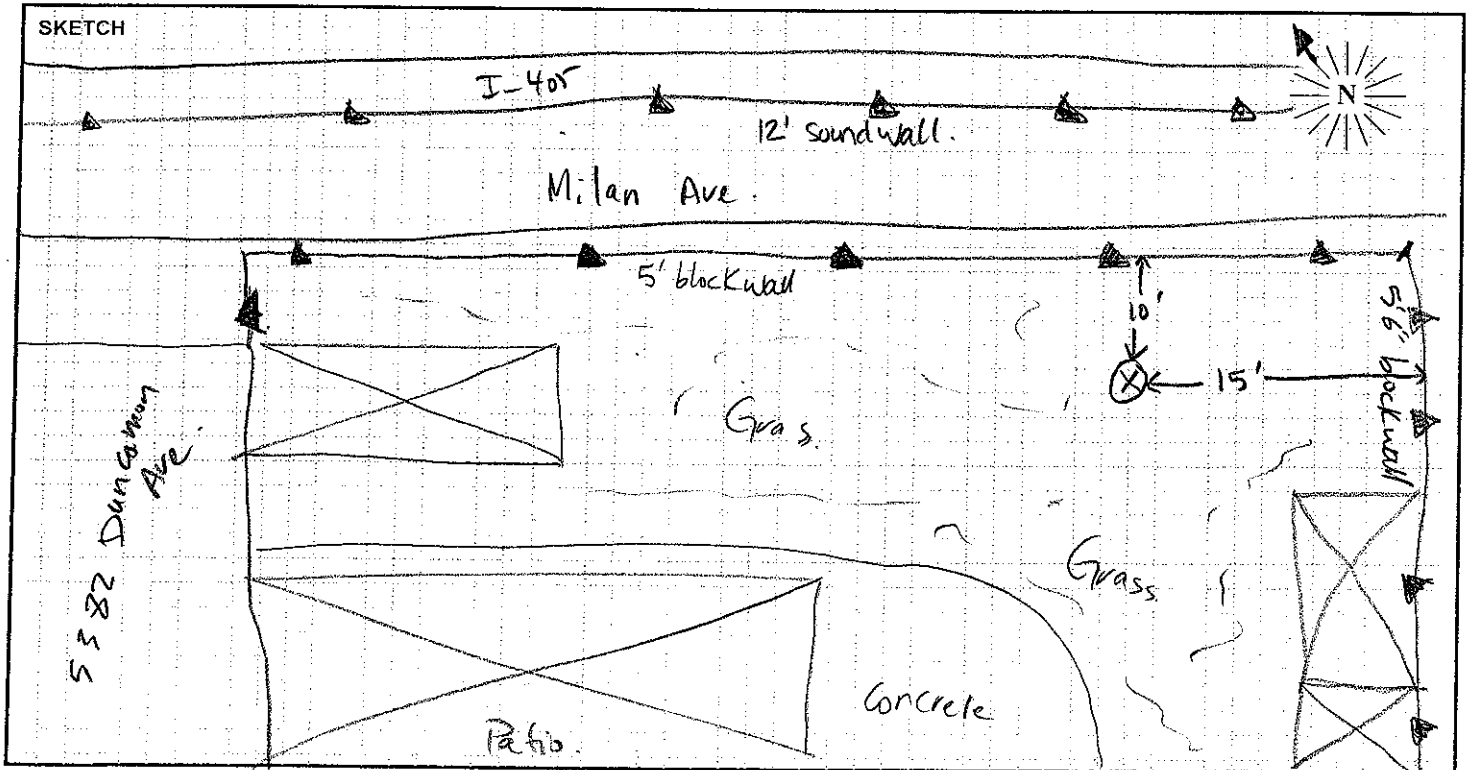


PARSONS

FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Ibrahim A.	DATE: 06/22/10
MEASUREMENT ADDRESS: 5382 Duncannon Ave		CITY: Westminster	SITE NO.: ST38
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input checked="" type="checkbox"/> B&K-2250 BK2238		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input checked="" type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> BK488
SERIAL #: 9540882	SERIAL #: 2539490	SERIAL #: 4301	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 66 °F R.H.: 61 % WIND SPEED: 0.5 MPH TOWARD (DIR): calm SKIES: cloudy CAMERA _____ PHOTO NOS. 111-117
CALIBRATOR: <input type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N 2507137		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before 94, 93.8, -30.9, 8:11 After 94, 93.8, -30.9, 7:51	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES			

NOTES:												Dist. to Center of Nearest Lane _____			<input type="checkbox"/> Video <input type="checkbox"/> Radar			Counts AT MT HT			MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:										
06/22	8:20	8:40	59.2	59.5	61.5	63.0	/	64.5	66.0	75.2	63.2											

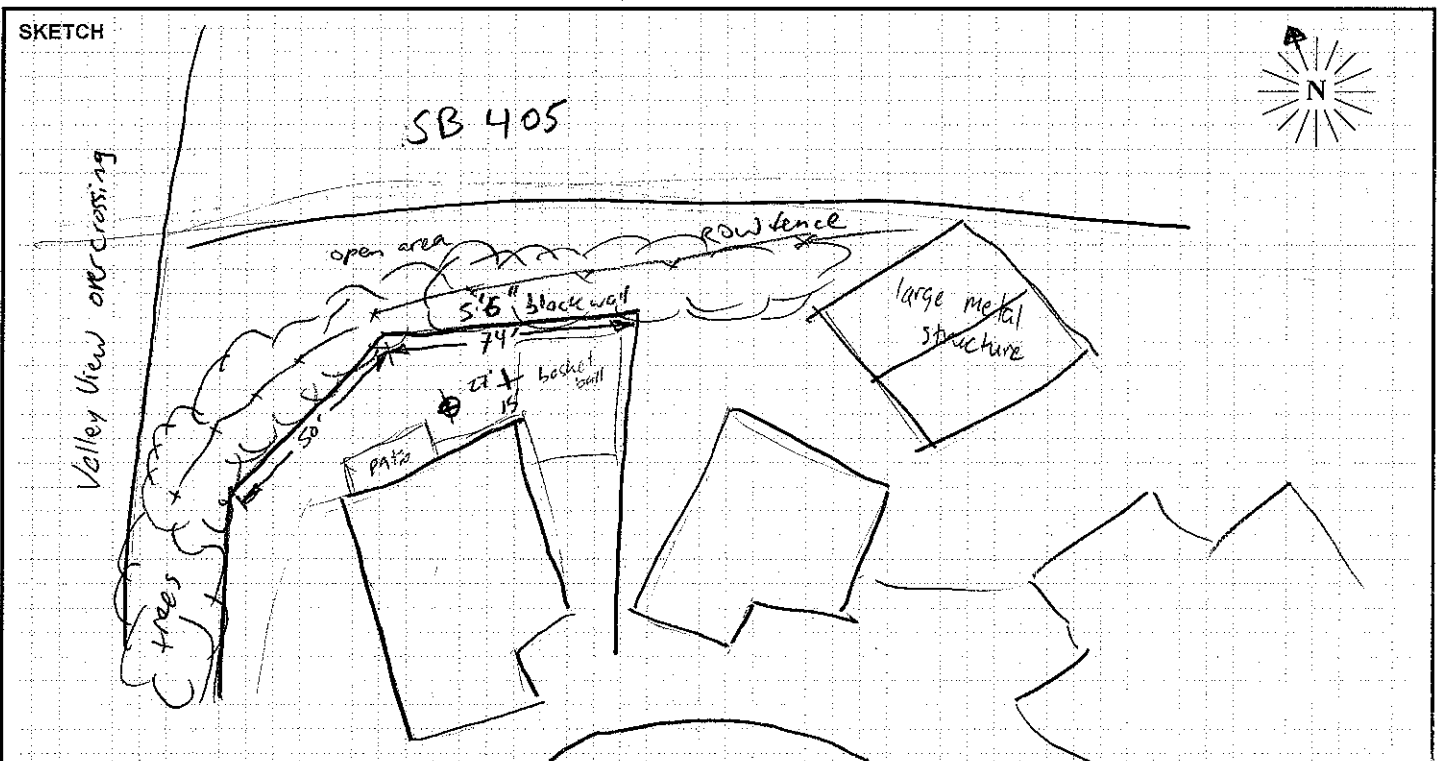


PARSONS

FIELD SURVEY FORM

PROJECT: I-405 PA-ED		ENGINEER: Ogden	DATE: 6/22/10	
MEASUREMENT ADDRESS: 13131 Buckingham Cir, Westminster		CITY: Westminster	SITE NO.: ST38A	
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input checked="" type="checkbox"/> B&K-2250 <input type="checkbox"/> _____		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input checked="" type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> _____	
SERIAL #: 2676029	SERIAL #: #4189 2663101	SERIAL #: 10729	NOTES: SYSTEM PWR: <input type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 71 °F R.H.: 60 % WIND SPEED: 1-2 MPH TOWARD (DIR): N SKIES: Clear CAMERA Jason's PHOTO NOS. 601 - 691	
CALIBRATOR: <input type="checkbox"/> LD CA250 <input type="checkbox"/> 250 <input checked="" type="checkbox"/> B&K 4231 <input checked="" type="checkbox"/> 1000 S/N 2507137		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time 6/22 Before Env, 47.31, 1mV/pa, 947 6/23 After 46.93, 1307		
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input checked="" type="checkbox"/> L _N PERCENTILE VALUES				

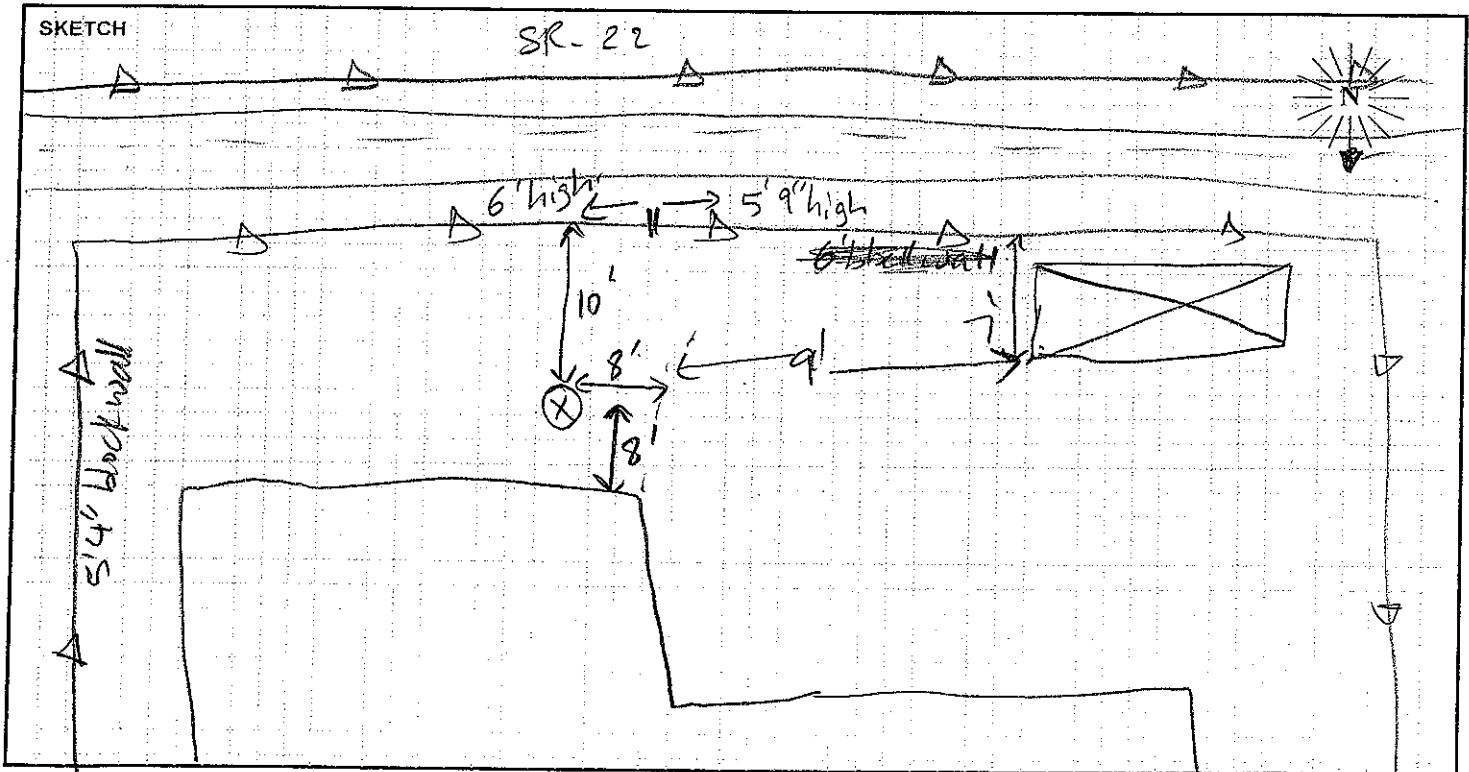
NOTES: Dense trees between Valley View of Nearest Lane and residences										Dist. to Center _____ <input type="checkbox"/> Video <input type="checkbox"/> Radar		Counts <input type="checkbox"/> AT <input type="checkbox"/> MT <input type="checkbox"/> HT		MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:			
6/22	9:51	10:00	59.3	60.1	61.7	63.2	64.4	64.4	66.1	69.5	63.3	Scrap			
6/22	10:00	10:20	56.5	56.8	59.4	62.7	64.2	64.2	65.5	66.7	62.7	Use this one			



FIELD SURVEY FORM

PROJECT: <u>I-405 PA-ED</u>		ENGINEER: <u>Ibrahim Al-Jasno</u>	DATE: <u>06/24/10</u>
MEASUREMENT ADDRESS: <u>5232 Chrystal</u>		CITY: <u>Garden Grove</u>	SITE NO.: <u>ST39(R2)</u>
SOUND LEVEL METER: <input checked="" type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input type="checkbox"/>		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input checked="" type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input checked="" type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input type="checkbox"/>
SERIAL #: <u>0128</u>	SERIAL #: <u>2029</u>	SERIAL #: <u>3202</u>	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: _____ °F R.H.: _____ % WIND SPEED: _____ MPH TOWARD (DIR): <u>Calm</u> SKIES: <u>Clear</u> CAMERA _____ PHOTO NOS. _____
CALIBRATOR: <input checked="" type="checkbox"/> LD CA250 <input type="checkbox"/> B&K 4231 S/N <u>2480</u>		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before <u>114, 114, 122.1, 13.42</u> After <u>114, 113.8, 15.03</u>	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS <u>20</u> - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES			

NOTES:												Dist. to Center of Nearest Lane _____			<input type="checkbox"/> Video <input type="checkbox"/> Radar			Counts AT MT HT			MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:										
6/24	14:00	14:20	57.3	58.1	59.4	60.9	61.7	62.5	66.5	69.6	61.2											
	14:20	14:40	58.1	58.6	59.9	61.5	62.4	63.2	64.8	68.5	61.7											
	14:40	15:00	58.9	59.2	60.2	61.6	62.3	62.9	64.5	65.1	61.7											

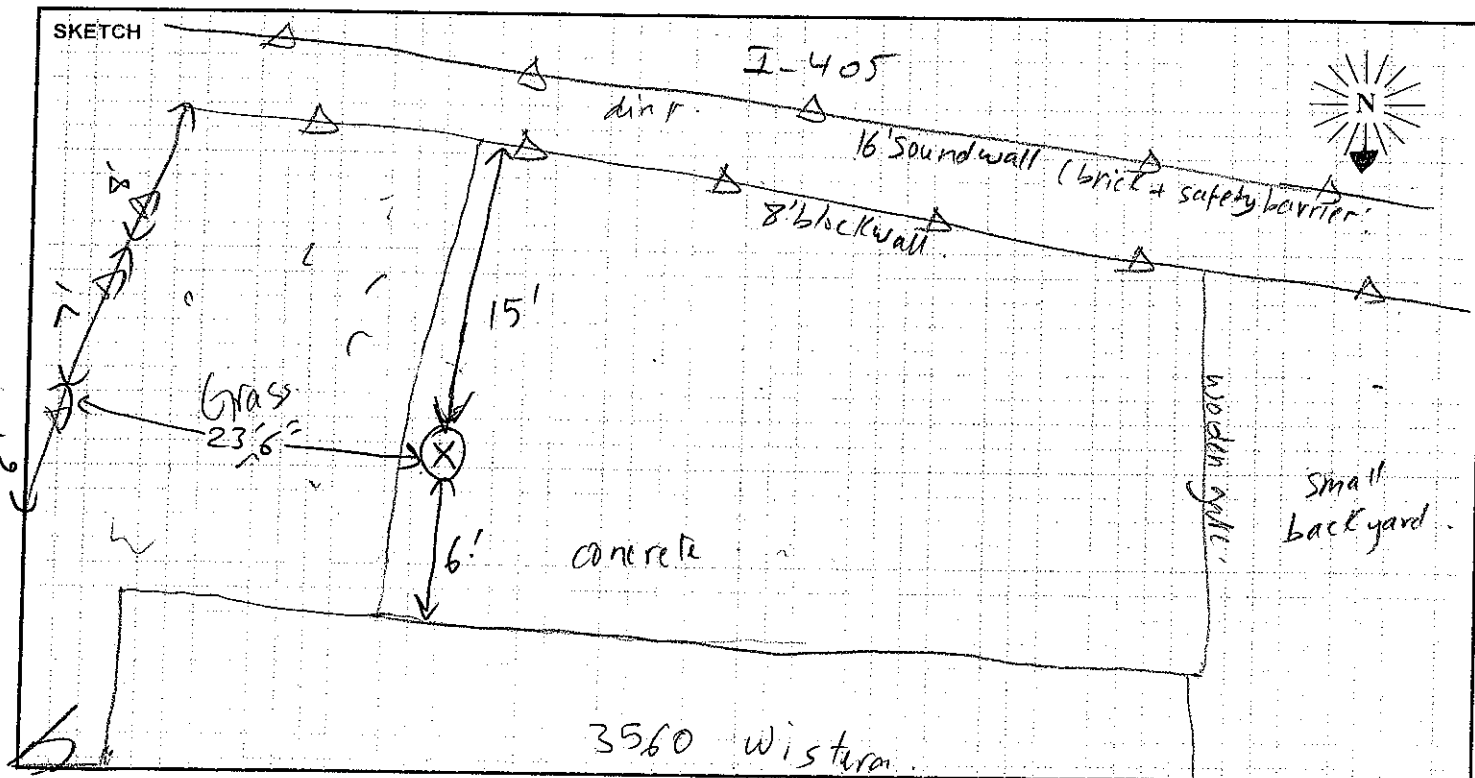


PARSONS

FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Ibrahim A.	DATE: 06/23/10
MEASUREMENT ADDRESS: 3560 Wisteria st.		CITY: Seal Beach	SITE NO.: ST 40
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input checked="" type="checkbox"/> BK 2238		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input checked="" type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input type="checkbox"/> _____
SERIAL #:	SERIAL #:	SERIAL #:	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 66 °F R.H.: 72.5 % WIND SPEED: 0.6 MPH TOWARD (DIR): calm SKIES: cloudy CAMERA: _____ PHOTO NOS. 171-180
CALIBRATOR: <input type="checkbox"/> LD CA250 Freq. Hz. <input checked="" type="checkbox"/> B&K 4231 <input type="checkbox"/> 250 S/N 2507137 <input checked="" type="checkbox"/> 1000 <input type="checkbox"/> _____		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before 94, 93.8, -30.9, 7.51 After 94, 93.8, -30.7, 8.45	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES			

NOTES: Dist. to Center of Nearest Lane _____ <input type="checkbox"/> Video <input type="checkbox"/> Radar Counts AT MT HT												MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:
06/23	8:40	9:00	56.1	57.0	58.0	59.0	✓	60.5	62.0	65.8	59.5	pass at 8:57

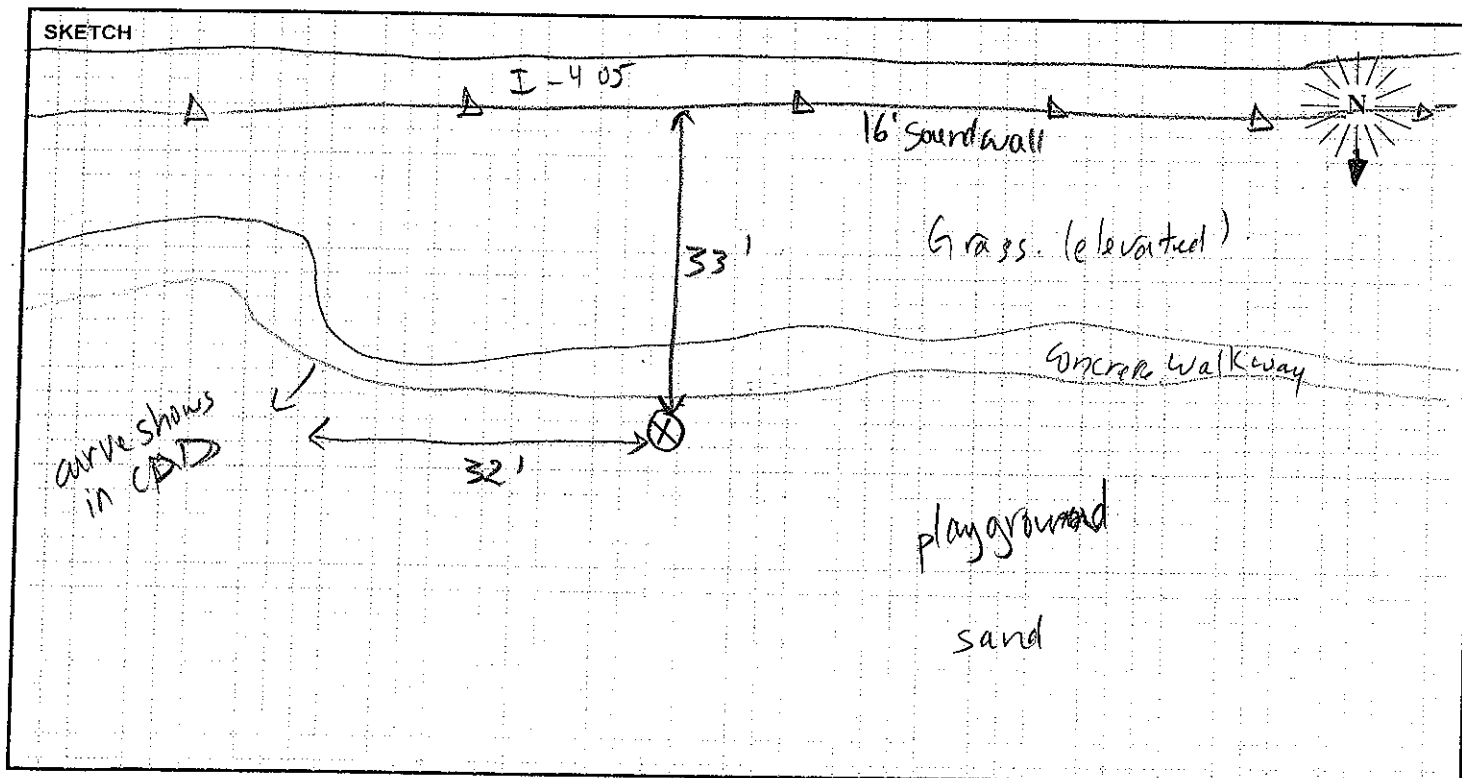


PARSONS

FIELD SURVEY FORM

PROJECT: I-405-PA-ED				ENGINEER: Abraham A		DATE: 06/23/10	
MEASUREMENT ADDRESS: Shapel (Almond) Park				CITY: Seal Beach		<input type="checkbox"/> Single-Family <input type="checkbox"/> Multi-Family	
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input checked="" type="checkbox"/> B&K 2238				MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input checked="" type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM		PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> Bk 4188	
SERIAL #: 2540882		SERIAL #: 2539490		SERIAL #: 4301		NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 67 °F R.H.: 75 % WIND SPEED: 1 MPH TOWARD (DIR): calm SKIES: cloudy CAMERA: _____ PHOTO NOS. 164-170	
CALIBRATOR: <input type="checkbox"/> LD CA250 Freq. Hz. <input checked="" type="checkbox"/> B&K 4231 <input type="checkbox"/> 250 S/N 9507137 <input checked="" type="checkbox"/> 1000 <input type="checkbox"/> _____				CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before 94, 93.8, -30.9, 7.51 After 94, 93.8, -30.9, 8.45			
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES							

NOTES: Dist. to Center of Nearest Lane _____ <input type="checkbox"/> Video <input type="checkbox"/> Radar Counts AT MT HT												MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term
DATE	START TIME	STOP TIME	L _{MIN}	L _{SS}	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:
06/23	8:00	8:20	63.6	65.0	65.5	66.5	/	67.5	68.0	70.6	66.7	

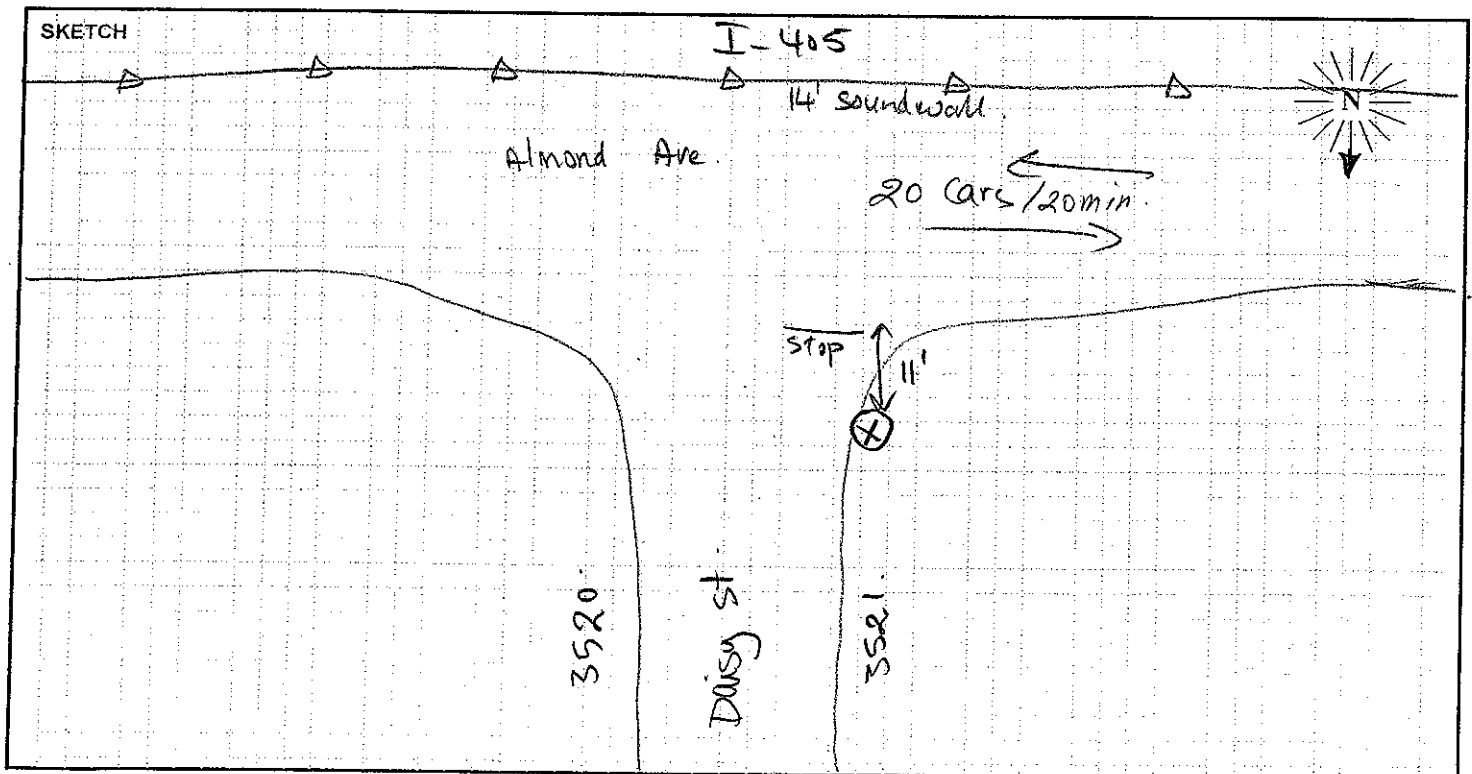


PARSONS

FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Ibrahim A.	DATE: 06/23/10	
MEASUREMENT ADDRESS: 3521 Daisy St.		CITY: Seal Beach	SITE NO.: ST4/A	
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input checked="" type="checkbox"/> BK 2238		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input checked="" type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> BK418	
SERIAL #: 2540882	SERIAL #: 2539490	SERIAL #: 4301	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 73 °F R.H.: 67 % WIND SPEED: 0.7 MPH TOWARD (DIR): Calm SKIES: Cloudy, some sun CAMERA _____ PHOTO NOS. 181-186	
CALIBRATOR: <input type="checkbox"/> LD CA250 Freq, Hz. <input checked="" type="checkbox"/> B&K 4231 <input type="checkbox"/> 250 S/N 2501137 <input checked="" type="checkbox"/> 1000 <input type="checkbox"/> _____		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before 94, 93.8, -30.9, 7:51 After 94, 93.8, -30.9, 8:45		
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES				

NOTES:												MEAS. TYPE:
Dist. to Center of Nearest Lane _____ <input type="checkbox"/> Video Counts <input type="checkbox"/> Radar AT MT HT												<input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₅	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:
06/23	9:20	9:40	63.3	64.0	65.0	66.0	/	67.5	69.0	72.0	66.4	



PARSONS

FIELD SURVEY FORM					
PROJECT: I-405 PA-ED			ENGINEER: OGDEN		DATE: 6/23/10
MEASUREMENT ADDRESS: City of Seal Beach Tennis Courts		CITY:		<input type="checkbox"/> Single-Family <input type="checkbox"/> Multi-Family <input checked="" type="checkbox"/> Recreational <input type="checkbox"/> Commercial	
SOUND LEVEL METER:		MICROPHONE:		PRE AMP:	
<input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input checked="" type="checkbox"/> B&K-2250 <input type="checkbox"/> _____		<input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input checked="" type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input type="checkbox"/> RANDOM		<input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> _____	
SERIAL #:		SERIAL #:		SERIAL #:	
CALIBRATOR:		CALIBRATION RECORD:			
<input type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N _____		Freq, Hz. Input, dB / Reading, dB / Offset, dB / Time <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> 250 <input checked="" type="checkbox"/> 1000 <input type="checkbox"/> _____ </div> <div> 6/22 Before <u>Sens</u> , <u>47.31</u> , <u>mV/A</u> , <u>947</u> 6/23 After , <u>46.93</u> , , <u>1307</u> </div> </div>			
METER SETTINGS:		NOTES:			
<input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS <u>20</u> - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input checked="" type="checkbox"/> L_N PERCENTILE VALUES		SYSTEM PWR: <input type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: <u>73</u> °F R.H.: <u>67</u> % WIND SPEED: <u>0.9</u> MPH TOWARD (DIR): <u>Calm</u> SKIES: <u>cloudy</u> CAMERA _____ PHOTO NOS. _____			

[illegible]

SKETCH

block wall

chainlink fences w/ covers

38'

32'

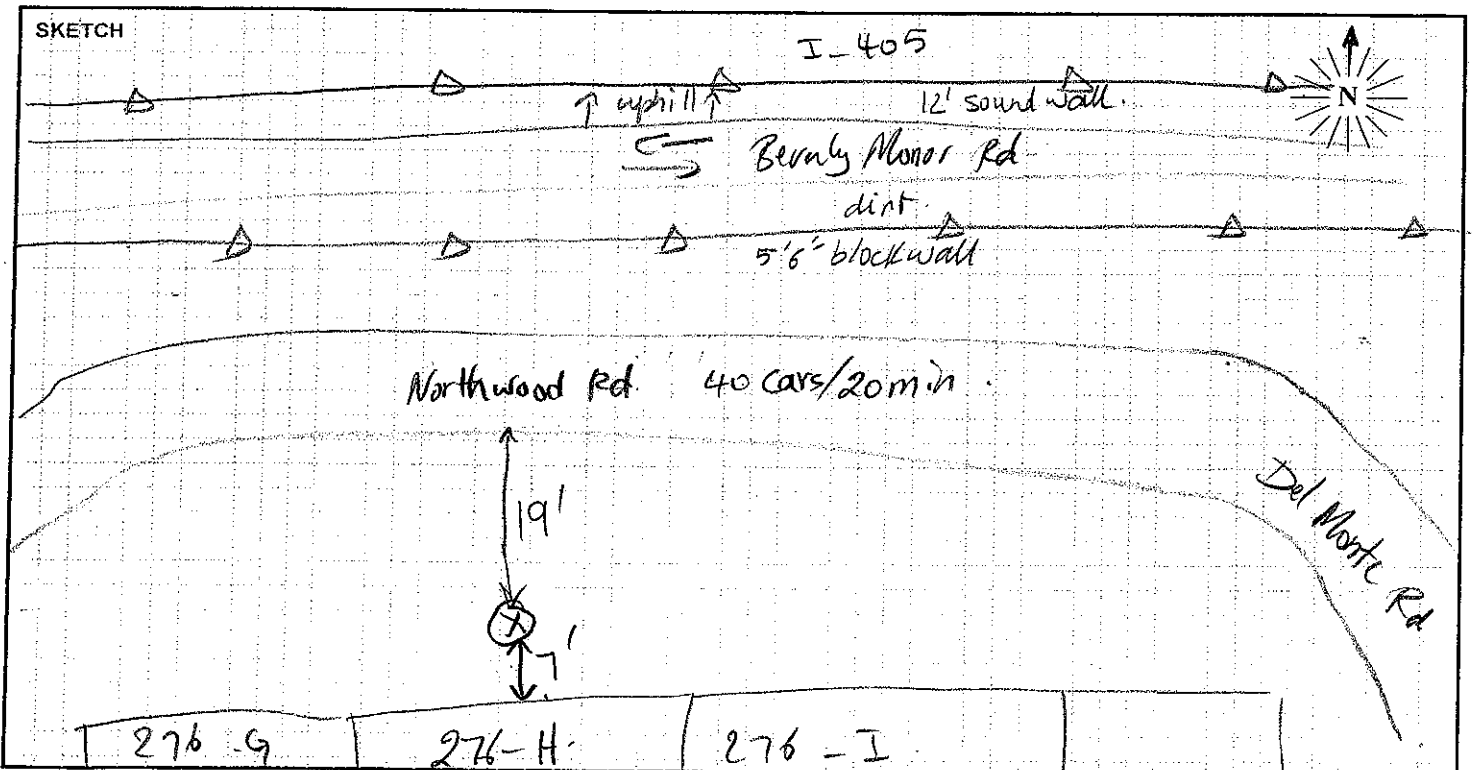
54m

#16

FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Abraham A.		DATE: 06/23/10
MEASUREMENT ADDRESS: 276 H Northwood Rd (Retirement houses)		CITY: seal beach	<input type="checkbox"/> Single-Family <input checked="" type="checkbox"/> Multi-Family	<input type="checkbox"/> Recreational <input type="checkbox"/> Commercial SITE NO.: ST43
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 BK 2238		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input checked="" type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM		PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 BK 4188
SERIAL #: 2540882		SERIAL #: 2539490		SERIAL #:
CALIBRATOR: <input type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N 2507137		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before 94, 93.8, -30.9, 7.51 After 94, 93.8, -30.9, 8.45		NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 79 °F R.H.: 61 % WIND SPEED: 1.5 MPH TOWARD (DIR): SKIES: clear CAMERA PHOTO NOS. 187-197
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES				

NOTES: Leisure World		Dist. to Center of Nearest Lane	<input type="checkbox"/> Video <input type="checkbox"/> Radar	Counts AT MT HT	MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term							
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₅	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:
06/23	11:40	12:00	58.2	58.5	59.5	61.0	—	63.0	66.5	68.1	61.5	w/ LT 24

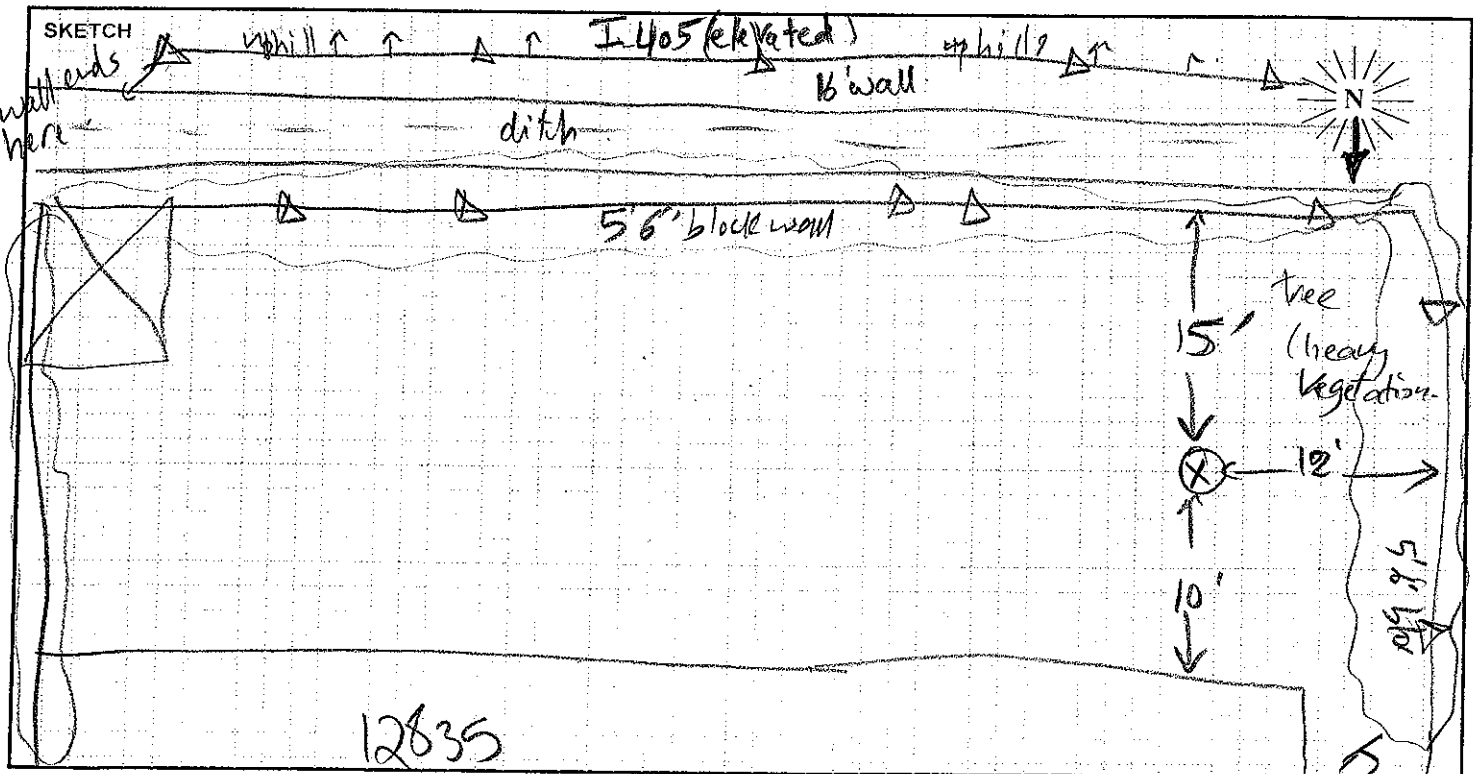


PARSONS

FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Ebrahim A.	DATE: 06/22/16
MEASUREMENT ADDRESS: 12835 Martha Ann Dr.		CITY: Rossmore	SITE NO.: ST 44
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input checked="" type="checkbox"/> BK2238		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input checked="" type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> BK4188
SERIAL #: 2540882	SERIAL #: 2539490	SERIAL #: 9301	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 78 °F R.H.: 52 % WIND SPEED: 0.5 MPH TOWARD (DIR): Calm SKIES: clear
CALIBRATOR: <input type="checkbox"/> LD CA250 Freq. Hz. <input checked="" type="checkbox"/> B&K 4231 <input type="checkbox"/> 250 S/N 2507137 <input checked="" type="checkbox"/> 1000 <input type="checkbox"/> _____ <input type="checkbox"/> _____		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before 94, 93.8, -30.9, 8:11 After 94, 93.8, -30.9, 7:51	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES		CAMERA _____ PHOTO NOS. 158-163	

NOTES:												Dist. to Center of Nearest Lane _____	<input type="checkbox"/> Video <input type="checkbox"/> Radar	Counts AT MT HT	MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₅	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:			
06/22	16:20	16:40	57.1	58.0	59.0	60.0	/	61.5	63.5	65.9	60.4				

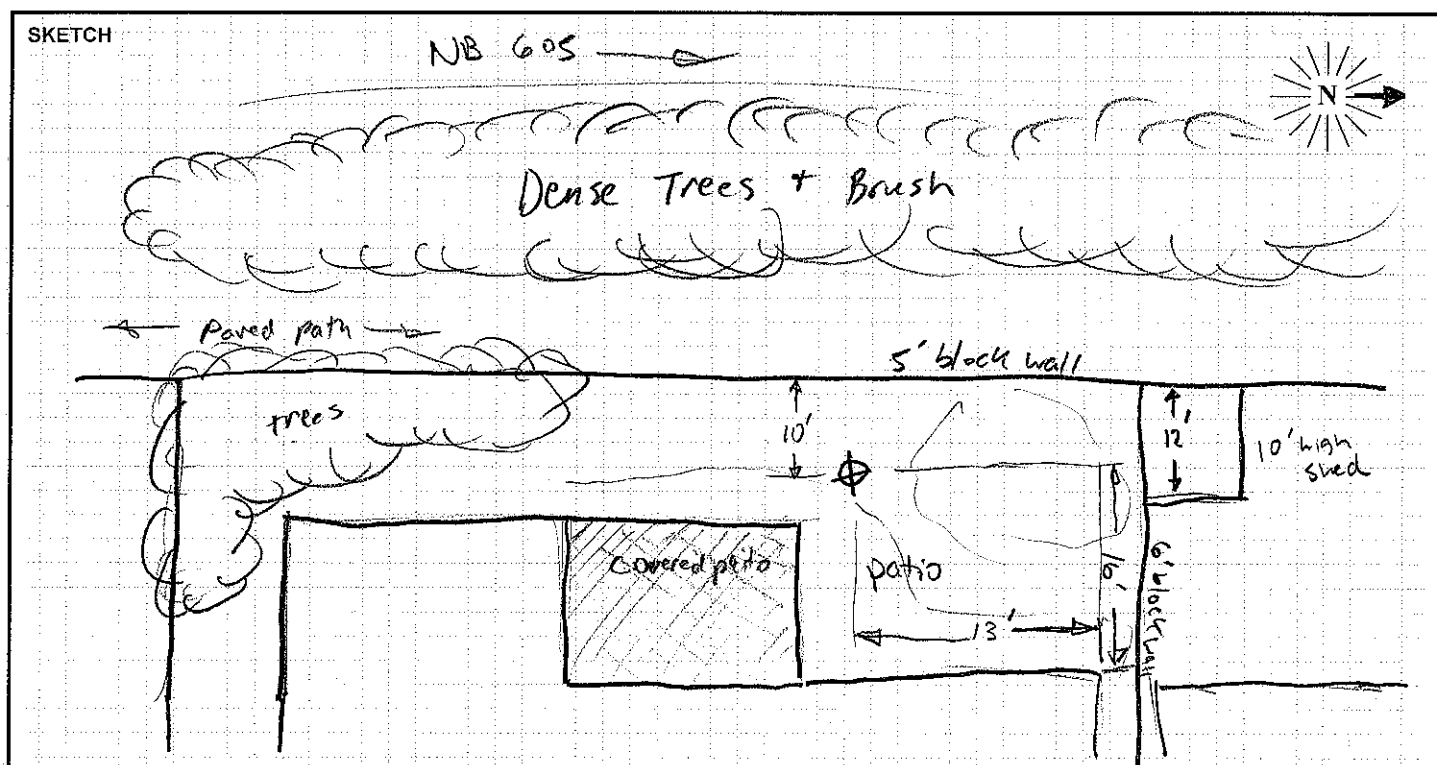


PARSONS

FIELD SURVEY FORM

PROJECT: I-405 PA-ED		ENGINEER: <i>O'Brien</i>	DATE: <i>6/23/10</i>
MEASUREMENT ADDRESS: <i>12311 Martha Ann Dr</i>		CITY:	SITE NO.: <i>ST45</i>
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input checked="" type="checkbox"/> B&K-2250 <input type="checkbox"/>	MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input checked="" type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/>	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: <i>76</i> °F R.H.: <i>58</i> % WIND SPEED: <i>0-1</i> MPH TOWARD (DIR): SKIES: <i>Clear</i> CAMERA: <i>Jason</i> PHOTO NOS.:
SERIAL #: <i>2676029</i>	SERIAL #: <i>#4189 2663101</i>	SERIAL #: <i>10729</i>	
CALIBRATOR: <input checked="" type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N <i>250 #137</i>	CALIBRATION RECORD: Freq, Hz. <input type="checkbox"/> 250 <input checked="" type="checkbox"/> 1000 Input, dB / Reading, dB / Offset, dB / Time <i>4/22 Servo, 47.31 mV/Pa, 947</i> <i>6/23 46.93, 1307</i>		
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS <i>20</i> - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input checked="" type="checkbox"/> L _N PERCENTILE VALUES			

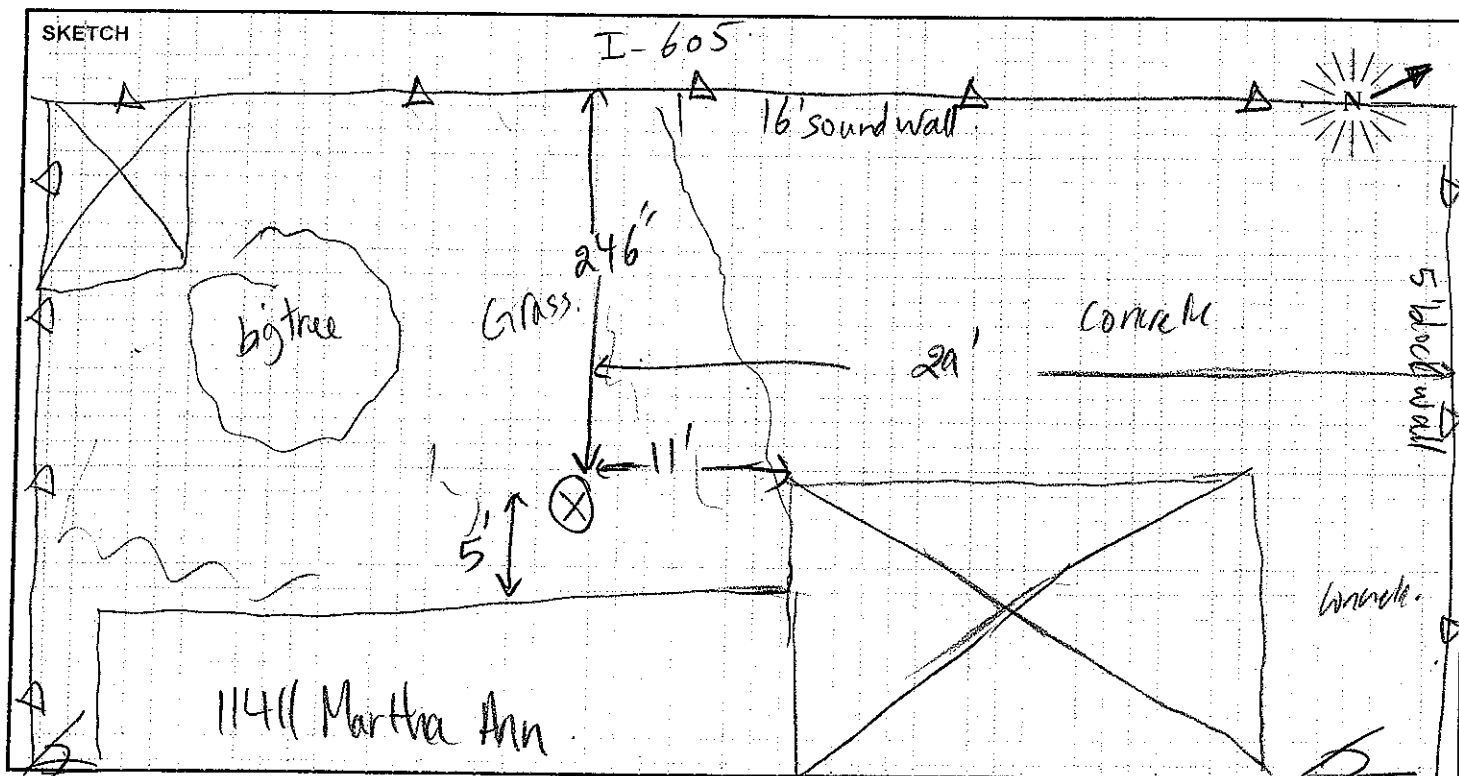
NOTES: Dist. to Center of Nearest Lane _____ <input type="checkbox"/> Video <input type="checkbox"/> Radar <input type="checkbox"/> Counts AT MT HT												MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:
<i>6/23</i>	<i>12:40</i>	<i>13:00</i>	<i>55.9</i>	<i>57.2</i>	<i>58.6</i>	<i>60.5</i>	<i>62.4</i>	<i>64.0</i>	<i>66.6</i>	<i>68.8</i>		



FIELD SURVEY FORM

PROJECT: I-405-PA-ED		ENGINEER: Ibrahim A.	DATE: 06/23/10
MEASUREMENT ADDRESS: 11411 Martha Ann Dr.		CITY: ROSS MOOR	SITE NO.: ST46
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input type="checkbox"/> LD-812 <input checked="" type="checkbox"/> B&K-2250 BK2238		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input type="checkbox"/> NON-POLAR <input checked="" type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input checked="" type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input type="checkbox"/> LD-828 <input checked="" type="checkbox"/> BK488
SERIAL #: 2540882	SERIAL #: 2539490	SERIAL #: 4301	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 76 °F R.H.: 58 % WIND SPEED: 0.6 MPH TOWARD (DIR): cdm SKIES: clear CAMERA _____ PHOTO NOS. 198-206
CALIBRATOR: <input type="checkbox"/> LD CA250 <input checked="" type="checkbox"/> B&K 4231 S/N 2507137		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before 94, 93.8, -30.9, 7:51 After 94, 93.8, -30.9, 8:45	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input type="checkbox"/> L _N PERCENTILE VALUES			

NOTES:												Dist. to Center of Nearest Lane _____			<input type="checkbox"/> Video <input type="checkbox"/> Radar		Counts AT MT HT			MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term	
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:									
06/23	12:40	1:00	57.4	59.5	61.0	63.5	/	65.5	67.0	71.8	63.9										

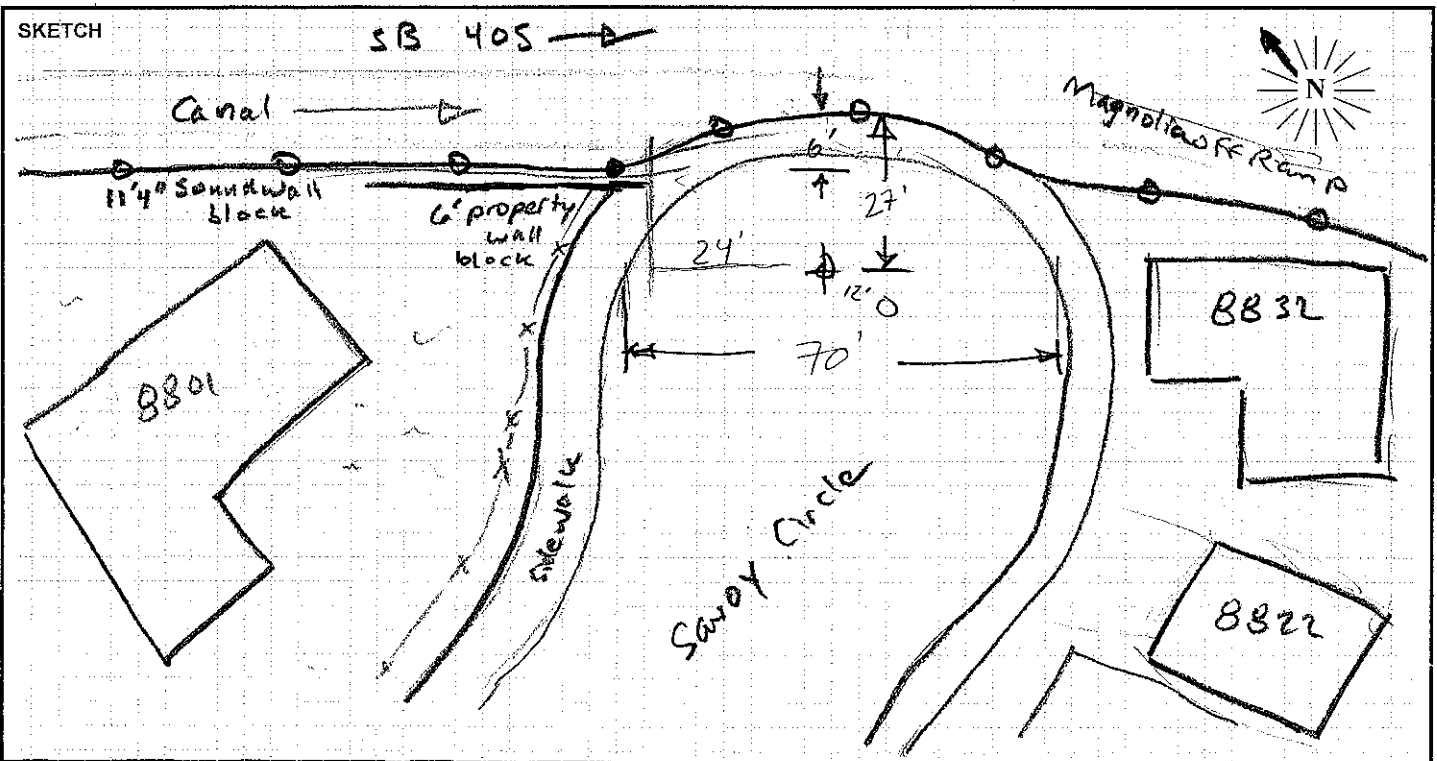


PARSONS

FIELD SURVEY FORM

PROJECT: I-405 PA-ED		ENGINEER: OGDEN	DATE: 8/31/10
MEASUREMENT ADDRESS: 8832 Savoy Cir.		CITY: Huntington Beach	SITE NO.: CAL18
SOUND LEVEL METER: <input type="checkbox"/> LD-870 <input type="checkbox"/> LD-820 <input type="checkbox"/> LD-824 <input checked="" type="checkbox"/> LD-812 <input type="checkbox"/> B&K-2250 <input type="checkbox"/> _____		MICROPHONE: <input checked="" type="checkbox"/> WIND SCREEN <input checked="" type="checkbox"/> NON-POLAR <input type="checkbox"/> POLARIZED <input checked="" type="checkbox"/> 1/2-INCH <input type="checkbox"/> FREEFIELD <input type="checkbox"/> 1-INCH <input type="checkbox"/> RANDOM	PRE AMP: <input type="checkbox"/> LD-900 <input checked="" type="checkbox"/> LD-828 <input type="checkbox"/> _____
SERIAL #: 0638	SERIAL #: 3159	SERIAL #: 1901	NOTES: SYSTEM PWR: <input checked="" type="checkbox"/> BAT <input type="checkbox"/> AC (observations at start of measurement) TEMP: 75 °F R.H.: 50 % WIND SPEED: 3.5 MPH TOWARD (DIR): Nor Th SKIES: Clear CAMERA: _____ PHOTO NOS.: _____
CALIBRATOR: CAL 200 <input type="checkbox"/> LD CA250 Freq. Hz. <input type="checkbox"/> B&K 4231 <input type="checkbox"/> 250 S/N 3091 <input checked="" type="checkbox"/> 1000 <input type="checkbox"/> _____ <input type="checkbox"/> _____		CALIBRATION RECORD: Input, dB / Reading, dB / Offset, dB / Time Before 114, 114, 8.7, 12:07 After 114, 113.9, 8.7, 13:25	
METER SETTINGS: <input checked="" type="checkbox"/> A-WTD <input type="checkbox"/> LINEAR <input checked="" type="checkbox"/> SLOW <input type="checkbox"/> 1/1 OCT <input checked="" type="checkbox"/> INTERVALS 20 - MINUTE <input type="checkbox"/> C-WTD <input type="checkbox"/> IMPULSE <input type="checkbox"/> FAST <input type="checkbox"/> 1/3 OCT <input checked="" type="checkbox"/> L_n PERCENTILE VALUES			

NOTES: Traffic speeds SB NB Beach 60-65 65 Magnolia 60 65		Dist. to Center of Nearest Lane _____ <input type="checkbox"/> Video <input type="checkbox"/> Radar	Counts <input type="checkbox"/> AT <input type="checkbox"/> MT <input type="checkbox"/> HT	MEAS. TYPE: <input type="checkbox"/> Long Term <input checked="" type="checkbox"/> Short Term								
DATE	START TIME	STOP TIME	L _{MIN}	L ₉₉	L ₉₀	L ₅₀	L ₂₅	L ₁₀	L ₀₁	L _{MAX}	L _{EQ}	NOTES:
8/31	12:47	13:07	57.3	59.6	63.7	65.5	67.5	71.4	63.9	Look motor cycle		



PARSONS

Appendix E Noise Measurement Site Photographs



LONG TERM MEASUREMENT SITE LT1